

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013308.D
 Acq On : 13 Apr 2023 19:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 03:02:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	240999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	380274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	342801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	145305	50.170	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.340%			
35) Dibromofluoromethane	7.710	113	128161	52.058	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.120%			
50) Toluene-d8	10.173	98	470961	51.395	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.800%			
62) 4-Bromofluorobenzene	12.477	95	155798	52.328	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	112323	51.785	ug/l	99
3) Chloromethane	2.107	50	126643	46.605	ug/l	100
4) Vinyl Chloride	2.241	62	122360	47.493	ug/l	99
5) Bromomethane	2.643	94	90727	45.922	ug/l	93
6) Chloroethane	2.784	64	79917	45.996	ug/l	97
7) Trichlorofluoromethane	3.119	101	194176	48.424	ug/l	100
8) Diethyl Ether	3.521	74	77954	53.507	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	119428	50.682	ug/l	97
10) Methyl Iodide	4.076	142	144012	49.824	ug/l	96
11) Tert butyl alcohol	4.972	59	75830	213.565	ug/l	100
12) 1,1-Dichloroethene	3.857	96	116092	51.192	ug/l	98
13) Acrolein	3.722	56	87745	246.622	ug/l	100
14) Allyl chloride	4.466	41	224014	51.711	ug/l	97
15) Acrylonitrile	5.155	53	243212	290.512	ug/l	98
16) Acetone	3.942	43	214081	214.981	ug/l	95
17) Carbon Disulfide	4.180	76	380472	50.960	ug/l	99
18) Methyl Acetate	4.466	43	194885	60.510	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	370326	54.514	ug/l	99
20) Methylene Chloride	4.704	84	148343	56.997	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	133018	51.383	ug/l	98
22) Diisopropyl ether	6.106	45	456783	53.503	ug/l	93
23) Vinyl Acetate	6.051	43	1503451	278.568	ug/l	98
24) 1,1-Dichloroethane	6.003	63	245335	51.444	ug/l	98
25) 2-Butanone	6.978	43	335381	263.036	ug/l	96
26) 2,2-Dichloropropane	6.972	77	189674	44.331	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	149762	53.203	ug/l	99
28) Bromochloromethane	7.319	49	104264	54.857	ug/l	97
29) Tetrahydrofuran	7.344	42	245058	316.448	ug/l	98
30) Chloroform	7.496	83	251278	52.067	ug/l	98
31) Cyclohexane	7.777	56	212089	48.430	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	213597	48.924	ug/l	97
36) 1,1-Dichloropropene	7.911	75	188436	50.525	ug/l	99
37) Ethyl Acetate	7.063	43	179846	59.822	ug/l #	95
38) Carbon Tetrachloride	7.892	117	202422	49.084	ug/l	98
39) Methylcyclohexane	9.179	83	224077	51.682	ug/l	95
40) Benzene	8.155	78	550712	51.018	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013308.D
 Acq On : 13 Apr 2023 19:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 14 03:02:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	78320m	62.794	ug/l	
42) 1,2-Dichloroethane	8.228	62	185286	50.627	ug/l	98
43) Isopropyl Acetate	8.264	43	272821	54.635	ug/l	98
44) Trichloroethene	8.935	130	142498	51.246	ug/l	97
45) 1,2-Dichloropropane	9.209	63	148008	52.828	ug/l	98
46) Dibromomethane	9.301	93	90381	53.600	ug/l	99
47) Bromodichloromethane	9.490	83	200067	51.901	ug/l	98
48) Methyl methacrylate	9.289	41	132225	57.647	ug/l	98
49) 1,4-Dioxane	9.301	88	29240	1279.880	ug/l #	76
51) 4-Methyl-2-Pentanone	10.063	43	804361	295.981	ug/l	98
52) Toluene	10.240	92	334249	51.280	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	208382	51.619	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	230030	51.967	ug/l	97
55) 1,1,2-Trichloroethane	10.636	97	120143	54.038	ug/l	97
56) Ethyl methacrylate	10.508	69	178532	58.647	ug/l	98
57) 1,3-Dichloropropane	10.782	76	205377	54.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	345147	271.535	ug/l	97
59) 2-Hexanone	10.825	43	576342	291.669	ug/l	98
60) Dibromochloromethane	10.977	129	148434	53.245	ug/l	99
61) 1,2-Dibromoethane	11.081	107	119939	55.399	ug/l	99
64) Tetrachloroethene	10.715	164	128384	53.086	ug/l	97
65) Chlorobenzene	11.508	112	359656	50.154	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.581	131	138344	51.408	ug/l	98
67) Ethyl Benzene	11.587	91	633965	50.760	ug/l	98
68) m/p-Xylenes	11.697	106	490120	102.564	ug/l	98
69) o-Xylene	12.026	106	232024	52.426	ug/l	100
70) Styrene	12.038	104	395233	52.874	ug/l	98
71) Bromoform	12.203	173	102346	54.897	ug/l #	100
73) Isopropylbenzene	12.325	105	601272	49.636	ug/l	100
74) N-amyl acetate	12.136	43	237783	55.020	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.575	83	157426	52.607	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	101338m	46.050	ug/l	
77) Bromobenzene	12.605	156	152926	50.483	ug/l	99
78) n-propylbenzene	12.666	91	739852	49.452	ug/l	100
79) 2-Chlorotoluene	12.751	91	418231	49.663	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	508013	50.067	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	54798	51.683	ug/l	96
82) 4-Chlorotoluene	12.849	91	439489	49.502	ug/l	98
83) tert-Butylbenzene	13.068	119	436213	50.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	506617	51.303	ug/l	98
85) sec-Butylbenzene	13.245	105	646073	49.621	ug/l	99
86) p-Isopropyltoluene	13.367	119	539478	50.494	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	291455	49.912	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	291504	49.399	ug/l	98
89) n-Butylbenzene	13.690	91	508306	49.743	ug/l	98
90) Hexachloroethane	13.952	117	108335	48.631	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	269458	50.711	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	30973	56.995	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	167392	53.004	ug/l	97
94) Hexachlorobutadiene	15.105	225	94454	50.508	ug/l	98
95) Naphthalene	15.233	128	416706	53.566	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	156367	54.347	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
Data File : VY013308.D
Acq On : 13 Apr 2023 19:59
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 03:02:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013308.D
 Acq On : 13 Apr 2023 19:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 14 03:02:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

