

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013107.D
 Acq On : 28 Mar 2023 10:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023

Quant Time: Mar 29 02:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	161458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51442	48.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.560%
35) Dibromofluoromethane	7.716	113	54433	55.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.720%
50) Toluene-d8	10.179	98	167842	47.117	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.483	95	66171	55.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47694	45.556	ug/l	95
3) Chloromethane	2.113	50	53601	42.826	ug/l	99
4) Vinyl Chloride	2.253	62	53135	46.297	ug/l	97
5) Bromomethane	2.650	94	35104	50.337	ug/l	92
6) Chloroethane	2.796	64	34455	50.127	ug/l	97
7) Trichlorofluoromethane	3.131	101	84875	44.526	ug/l	98
8) Diethyl Ether	3.534	74	29453	44.091	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	50487	44.023	ug/l	98
10) Methyl Iodide	4.094	142	65864	44.077	ug/l	97
11) Tert butyl alcohol	4.948	59	24785	200.357	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	47258	43.206	ug/l	95
13) Acrolein	3.729	56	29797	161.270	ug/l	100
14) Allyl chloride	4.478	41	96026	47.527	ug/l	97
15) Acrylonitrile	5.161	53	85109	241.808	ug/l	99
16) Acetone	3.942	43	106859	258.153	ug/l	98
17) Carbon Disulfide	4.192	76	150491	40.421	ug/l	99
18) Methyl Acetate	4.478	43	59177	48.006	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	141877	50.218	ug/l	98
20) Methylene Chloride	4.716	84	61951	48.930	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	58639	49.333	ug/l	97
22) Diisopropyl ether	6.118	45	193719	52.788	ug/l	98
23) Vinyl Acetate	6.057	43	582053	255.268	ug/l	99
24) 1,1-Dichloroethane	6.015	63	109599	52.411	ug/l	99
25) 2-Butanone	6.984	43	124965	243.741	ug/l	99
26) 2,2-Dichloropropane	6.978	77	90719	48.846	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	63772	50.042	ug/l	99
28) Bromochloromethane	7.332	49	36042	47.164	ug/l	98
29) Tetrahydrofuran	7.350	42	75264	243.401	ug/l	98
30) Chloroform	7.502	83	107039	51.822	ug/l	98
31) Cyclohexane	7.783	56	90472	44.794	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	91047	48.742	ug/l	98
36) 1,1-Dichloropropene	7.917	75	79072	48.425	ug/l	99
37) Ethyl Acetate	7.069	43	48974	47.586	ug/l	99
38) Carbon Tetrachloride	7.899	117	84705	50.234	ug/l	98
39) Methylcyclohexane	9.185	83	91910	47.345	ug/l	98
40) Benzene	8.161	78	227595	49.274	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013107.D
 Acq On : 28 Mar 2023 10:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 29 02:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	22562m	40.690	ug/l	
42) 1,2-Dichloroethane	8.234	62	70560	50.811	ug/l	100
43) Isopropyl Acetate	8.270	43	87750	47.789	ug/l	99
44) Trichloroethene	8.941	130	59966	49.241	ug/l	98
45) 1,2-Dichloropropane	9.215	63	59001	50.543	ug/l	99
46) Dibromomethane	9.307	93	33255	50.005	ug/l	98
47) Bromodichloromethane	9.496	83	80552	51.400	ug/l	98
48) Methyl methacrylate	9.295	41	39666	46.883	ug/l	97
49) 1,4-Dioxane	9.301	88	8430	980.552	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	242573	243.545	ug/l	100
52) Toluene	10.246	92	143056	51.355	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	83880	51.028	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	95711	51.442	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	46396	50.095	ug/l	99
56) Ethyl methacrylate	10.508	69	62280	50.432	ug/l	99
57) 1,3-Dichloropropane	10.788	76	79939	50.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	161327	248.852	ug/l	100
59) 2-Hexanone	10.831	43	180075	248.763	ug/l	98
60) Dibromochloromethane	10.983	129	58393	51.795	ug/l	99
61) 1,2-Dibromoethane	11.087	107	44934	50.365	ug/l	100
64) Tetrachloroethene	10.721	164	52524	49.977	ug/l	97
65) Chlorobenzene	11.514	112	153500	50.668	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	58577	52.254	ug/l	99
67) Ethyl Benzene	11.593	91	272796	51.216	ug/l	99
68) m/p-Xylenes	11.703	106	210269	102.619	ug/l	100
69) o-Xylene	12.032	106	99083	51.813	ug/l	98
70) Styrene	12.044	104	169035	52.968	ug/l	99
71) Bromoform	12.209	173	37699	51.578	ug/l #	100
73) Isopropylbenzene	12.331	105	262699	48.233	ug/l	100
74) N-amyl acetate	12.142	43	75119	43.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	56796	46.389	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	38043m	41.454	ug/l	
77) Bromobenzene	12.611	156	63289	47.833	ug/l	97
78) n-propylbenzene	12.672	91	326627	48.642	ug/l	100
79) 2-Chlorotoluene	12.757	91	180989	48.496	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	220529	49.063	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20635	46.590	ug/l	99
82) 4-Chlorotoluene	12.855	91	188145	48.701	ug/l	98
83) tert-Butylbenzene	13.075	119	188544	48.600	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	217488	49.483	ug/l	100
85) sec-Butylbenzene	13.257	105	288418	48.732	ug/l	100
86) p-Isopropyltoluene	13.373	119	238159	49.236	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	125162	49.047	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	126140	48.432	ug/l	99
89) n-Butylbenzene	13.696	91	222715	48.096	ug/l	100
90) Hexachloroethane	13.965	117	48433	48.074	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	113150	49.050	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9101	45.995	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	60603	42.669	ug/l	99
94) Hexachlorobutadiene	15.111	225	36281	41.881	ug/l	98
95) Naphthalene	15.239	128	122429	43.015	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	54408	43.072	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
Data File : VY013107.D
Acq On : 28 Mar 2023 10:52
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023

Quant Time: Mar 29 02:24:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 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\VY032823\
 Data File : VY013107.D
 Acq On : 28 Mar 2023 10:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 29 02:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023

