

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013639.D
 Acq On : 08 May 2023 10:30
 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 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

Quant Time: May 08 14:42:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	264505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	385966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	140470	48.445	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.900%		
35) Dibromofluoromethane	7.716	113	127048	52.336	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.680%		
50) Toluene-d8	10.179	98	436166	50.507	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.020%		
62) 4-Bromofluorobenzene	12.483	95	159229	54.693	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	109.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	131296	52.213	ug/l	99
3) Chloromethane	2.113	50	147505	43.762	ug/l	99
4) Vinyl Chloride	2.253	62	150499	44.843	ug/l	97
5) Bromomethane	2.656	94	106768	39.921	ug/l	99
6) Chloroethane	2.796	64	95451	41.169	ug/l	97
7) Trichlorofluoromethane	3.131	101	258527	50.849	ug/l	99
8) Diethyl Ether	3.527	74	79632	45.994	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	138887	48.701	ug/l	99
10) Methyl Iodide	4.088	142	161113	44.980	ug/l	97
11) Tert butyl alcohol	4.978	59	61728	189.167	ug/l #	96
12) 1,1-Dichloroethene	3.875	96	128159	46.621	ug/l	91
13) Acrolein	3.729	56	39173	151.120	ug/l	94
14) Allyl chloride	4.478	41	227798	44.660	ug/l	97
15) Acrylonitrile	5.167	53	217893	224.721	ug/l	98
16) Acetone	3.954	43	296221	259.417	ug/l	93
17) Carbon Disulfide	4.192	76	378611	42.400	ug/l	100
18) Methyl Acetate	4.478	43	158588	42.050	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	379922	47.872	ug/l	99
20) Methylene Chloride	4.710	84	161038	44.056	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	145537	48.421	ug/l	99
22) Diisopropyl ether	6.118	45	484380	48.585	ug/l	95
23) Vinyl Acetate	6.057	43	1446259	256.211	ug/l	98
24) 1,1-Dichloroethane	6.015	63	270885	48.751	ug/l	98
25) 2-Butanone	6.984	43	340268	234.968	ug/l	94
26) 2,2-Dichloropropane	6.978	77	251976	52.627	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	167992	50.587	ug/l	97
28) Bromochloromethane	7.332	49	93780	47.561	ug/l	85
29) Tetrahydrofuran	7.350	42	188326	208.916	ug/l	94
30) Chloroform	7.502	83	288152	52.159	ug/l	99
31) Cyclohexane	7.783	56	229756	44.257	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	259420	52.623	ug/l	98
36) 1,1-Dichloropropene	7.917	75	213351	52.956	ug/l	98
37) Ethyl Acetate	7.069	43	137076	45.212	ug/l	96
38) Carbon Tetrachloride	7.899	117	241749	57.250	ug/l	94
39) Methylcyclohexane	9.185	83	242538	51.065	ug/l	96
40) Benzene	8.161	78	601039	52.961	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013639.D
 Acq On : 08 May 2023 10:30
 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 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

Quant Time: May 08 14:42:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	78401m	55.492	ug/l	
42) 1,2-Dichloroethane	8.234	62	202206	54.499	ug/l	99
43) Isopropyl Acetate	8.270	43	238781	46.660	ug/l	99
44) Trichloroethene	8.941	130	161367	53.454	ug/l	100
45) 1,2-Dichloropropane	9.215	63	153702	51.798	ug/l	98
46) Dibromomethane	9.307	93	91486	51.528	ug/l	97
47) Bromodichloromethane	9.496	83	219933	55.360	ug/l	98
48) Methyl methacrylate	9.295	41	111950	47.633	ug/l	96
49) 1,4-Dioxane	9.307	88	24444	963.986	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	686145	240.611	ug/l	97
52) Toluene	10.246	92	377419	55.264	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	229112	54.491	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	247358	52.283	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	124813	53.084	ug/l	97
56) Ethyl methacrylate	10.508	69	171743	52.650	ug/l	93
57) 1,3-Dichloropropane	10.788	76	212200	53.290	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	280601	229.402	ug/l	97
59) 2-Hexanone	10.831	43	540366	260.676	ug/l	96
60) Dibromochloromethane	10.983	129	161779	56.667	ug/l	99
61) 1,2-Dibromoethane	11.087	107	121055	52.368	ug/l	98
64) Tetrachloroethene	10.721	164	144868	54.581	ug/l	96
65) Chlorobenzene	11.514	112	405296	53.303	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	159517	56.094	ug/l	98
67) Ethyl Benzene	11.593	91	733590	54.942	ug/l	98
68) m/p-Xylenes	11.703	106	566249	111.558	ug/l	98
69) o-Xylene	12.032	106	266247	55.463	ug/l	97
70) Styrene	12.044	104	457447	56.992	ug/l	99
71) Bromoform	12.209	173	109497	54.971	ug/l	100
73) Isopropylbenzene	12.331	105	713582	52.032	ug/l	99
74) N-amyl acetate	12.142	43	219519	44.980	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	155097	46.268	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	122037m	49.907	ug/l	
77) Bromobenzene	12.611	156	176172	53.016	ug/l	97
78) n-propylbenzene	12.672	91	879413	52.061	ug/l	98
79) 2-Chlorotoluene	12.757	91	485991	51.520	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	598049	53.429	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	55651	46.554	ug/l	95
82) 4-Chlorotoluene	12.855	91	516681	52.551	ug/l	97
83) tert-Butylbenzene	13.074	119	515332	53.140	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	588657	54.091	ug/l	100
85) sec-Butylbenzene	13.257	105	766528	52.667	ug/l	100
86) p-Isopropyltoluene	13.367	119	632019	53.999	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	337352	53.287	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	333953	52.220	ug/l	100
89) n-Butylbenzene	13.696	91	606362	53.080	ug/l	99
90) Hexachloroethane	13.965	117	126076	51.181	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	301584	52.753	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27840	47.025	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	190070	55.764	ug/l	99
94) Hexachlorobutadiene	15.111	225	119026	60.003	ug/l	99
95) Naphthalene	15.239	128	378753	51.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	169476	55.786	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
Data File : VY013639.D
Acq On : 08 May 2023 10:30
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 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

Quant Time: May 08 14:42:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 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\VY050823\
 Data File : VY013639.D
 Acq On : 08 May 2023 10:30
 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: May 08 14:42:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

