

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011609.D
 Acq On : 28 Nov 2022 19:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 00:26:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	171577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	271074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95443	54.783	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.560%			
35) Dibromofluoromethane	7.716	113	91807	55.017	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.040%			
50) Toluene-d8	10.179	98	315139	51.969	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.483	95	124704	55.621	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43764	47.008	ug/l	100
3) Chloromethane	2.113	50	70567	48.216	ug/l	97
4) Vinyl Chloride	2.247	62	80225	41.339	ug/l	97
5) Bromomethane	2.649	94	56928	45.599	ug/l	100
6) Chloroethane	2.790	64	56926	42.043	ug/l	98
7) Trichlorofluoromethane	3.125	101	138076	48.506	ug/l	95
8) Diethyl Ether	3.527	74	51549	56.031	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	83102	50.486	ug/l	95
10) Methyl Iodide	4.088	142	99423	51.843	ug/l	95
11) Tert butyl alcohol	4.948	59	59320	323.089	ug/l	99
12) 1,1-Dichloroethene	3.869	96	75815	50.282	ug/l	92
13) Acrolein	3.729	56	9762	212.508	ug/l	98
14) Allyl chloride	4.478	41	141499	53.458	ug/l	92
15) Acrylonitrile	5.161	53	154242	306.947	ug/l	98
16) Acetone	3.942	43	139238	246.050	ug/l	91
17) Carbon Disulfide	4.192	76	203362	48.664	ug/l	98
18) Methyl Acetate	4.472	43	77900	60.036	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	256720	59.658	ug/l	96
20) Methylene Chloride	4.716	84	109964	52.432	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	90426	51.898	ug/l	91
22) Diisopropyl ether	6.112	45	329636	57.053	ug/l	98
23) Vinyl Acetate	6.057	43	1032921	306.906	ug/l	96
24) 1,1-Dichloroethane	6.015	63	179997	53.060	ug/l	99
25) 2-Butanone	6.984	43	208484	280.330	ug/l	93
26) 2,2-Dichloropropane	6.978	77	158467	50.613	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	110490	53.864	ug/l	94
28) Bromochloromethane	7.332	49	75415	55.337	ug/l	94
29) Tetrahydrofuran	7.344	42	132852	316.315	ug/l	93
30) Chloroform	7.502	83	190350	54.107	ug/l	100
31) Cyclohexane	7.783	56	142756	49.436	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	162142	51.521	ug/l	97
36) 1,1-Dichloropropene	7.917	75	132331	50.732	ug/l	99
37) Ethyl Acetate	7.069	43	88436	59.540	ug/l	98
38) Carbon Tetrachloride	7.899	117	145437	49.836	ug/l	98
39) Methylcyclohexane	9.185	83	148388	50.977	ug/l	94
40) Benzene	8.161	78	394907	51.974	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011609.D
 Acq On : 28 Nov 2022 19:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 00:26:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	49472m	65.876	ug/l	
42) 1,2-Dichloroethane	8.234	62	126550	53.854	ug/l	94
43) Isopropyl Acetate	8.270	43	155526	58.043	ug/l	93
44) Trichloroethene	8.941	130	104834	51.280	ug/l	98
45) 1,2-Dichloropropane	9.215	63	104779	53.950	ug/l	94
46) Dibromomethane	9.307	93	59040	54.368	ug/l	95
47) Bromodichloromethane	9.496	83	149329	54.593	ug/l	99
48) Methyl methacrylate	9.295	41	71413	60.002	ug/l #	89
49) 1,4-Dioxane	9.295	88	17366	1291.314	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	458961	308.125	ug/l	93
52) Toluene	10.246	92	253364	52.731	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	149421	54.648	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	168938	54.922	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	87495	56.317	ug/l	99
56) Ethyl methacrylate	10.508	69	118462	61.309	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	147431	56.033	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	277671	293.424	ug/l	99
59) 2-Hexanone	10.831	43	320029	301.031	ug/l	92
60) Dibromochloromethane	10.983	129	106116	55.735	ug/l	100
61) 1,2-Dibromoethane	11.087	107	79932	56.365	ug/l	100
64) Tetrachloroethene	10.721	164	106025	49.964	ug/l	99
65) Chlorobenzene	11.514	112	271517	50.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	106672	52.194	ug/l	98
67) Ethyl Benzene	11.593	91	496405	50.985	ug/l	99
68) m/p-Xylenes	11.703	106	378098	102.015	ug/l	97
69) o-Xylene	12.032	106	180908	52.427	ug/l	97
70) Styrene	12.044	104	316218	53.686	ug/l	97
71) Bromoform	12.209	173	68233	54.878	ug/l #	100
73) Isopropylbenzene	12.331	105	490045	50.686	ug/l	99
74) N-amyl acetate	12.142	43	135740	56.853	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	102108	53.595	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	79746m	55.391	ug/l	
77) Bromobenzene	12.605	156	114023	50.507	ug/l	99
78) n-propylbenzene	12.672	91	593191	50.291	ug/l	100
79) 2-Chlorotoluene	12.757	91	337974	50.837	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	415847	51.025	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	35849	54.541	ug/l	92
82) 4-Chlorotoluene	12.855	91	349087	50.217	ug/l	99
83) tert-Butylbenzene	13.074	119	361338	50.901	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	413985	51.430	ug/l	100
85) sec-Butylbenzene	13.251	105	532918	50.314	ug/l	100
86) p-Isopropyltoluene	13.367	119	446995	50.567	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	226711	49.332	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	223776	48.697	ug/l	99
89) n-Butylbenzene	13.696	91	409762	50.426	ug/l	99
90) Hexachloroethane	13.965	117	88436	49.542	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	206949	50.801	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18077	57.857	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	120570	53.360	ug/l	99
94) Hexachlorobutadiene	15.111	225	73079	52.030	ug/l	99
95) Naphthalene	15.233	128	263448	55.165	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	109219	56.403	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
Data File : VY011609.D
Acq On : 28 Nov 2022 19:03
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 00:26:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

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

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

