

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011448.D
 Acq On : 14 Nov 2022 18:26
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 01:51:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	263683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	412634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	377339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	192346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104288	47.198	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.400%		
35) Dibromofluoromethane	7.715	113	114404	49.472	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.940%		
50) Toluene-d8	10.178	98	415085	46.985	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.960%		
62) 4-Bromofluorobenzene	12.483	95	156659	50.841	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	70984	44.631	ug/l	97
3) Chloromethane	2.113	50	88968	41.981	ug/l	95
4) Vinyl Chloride	2.253	62	109552	43.854	ug/l	99
5) Bromomethane	2.649	94	81973	45.314	ug/l	98
6) Chloroethane	2.796	64	76442	46.083	ug/l	100
7) Trichlorofluoromethane	3.125	101	184901	46.911	ug/l	97
8) Diethyl Ether	3.527	74	68500	49.491	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	114711	48.004	ug/l	95
10) Methyl Iodide	4.094	142	154331	48.423	ug/l	91
11) Tert butyl alcohol	4.948	59	59125	213.218	ug/l	98
12) 1,1-Dichloroethene	3.875	96	111563	47.152	ug/l #	79
13) Acrolein	3.728	56	18099	282.552	ug/l	98
14) Allyl chloride	4.484	41	153537	48.086	ug/l #	82
15) Acrylonitrile	5.161	53	166461	251.697	ug/l	96
16) Acetone	3.948	43	127468	218.617	ug/l #	80
17) Carbon Disulfide	4.198	76	302466	42.920	ug/l	100
18) Methyl Acetate	4.478	43	75130	46.372	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	318632	51.493	ug/l	96
20) Methylene Chloride	4.716	84	163552	51.884	ug/l #	76
21) trans-1,2-Dichloroethene	5.222	96	130368	48.327	ug/l #	83
22) Diisopropyl ether	6.118	45	354301	51.993	ug/l #	88
23) Vinyl Acetate	6.057	43	1053812	264.341	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	221129	49.832	ug/l	98
25) 2-Butanone	6.984	43	196810	236.968	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	201864	48.642	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	153866	50.681	ug/l	83
28) Bromochloromethane	7.337	49	81196	50.385	ug/l #	70
29) Tetrahydrofuran	7.344	42	125424	249.304	ug/l #	76
30) Chloroform	7.508	83	241334	51.422	ug/l	99
31) Cyclohexane	7.789	56	180194	45.384	ug/l	87
32) 1,1,1-Trichloroethane	7.703	97	213164	50.219	ug/l	93
36) 1,1-Dichloropropene	7.917	75	175960	49.026	ug/l	96
37) Ethyl Acetate	7.075	43	83315	48.324	ug/l #	89
38) Carbon Tetrachloride	7.898	117	195645	50.112	ug/l	99
39) Methylcyclohexane	9.185	83	209805	47.840	ug/l	87
40) Benzene	8.160	78	530623	49.508	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	35864m	40.171	ug/l	
42) 1,2-Dichloroethane	8.234	62	141628	50.423	ug/l	87
43) Isopropyl Acetate	8.270	43	155362	49.951	ug/l #	83
44) Trichloroethene	8.941	130	149860	49.774	ug/l	100
45) 1,2-Dichloropropane	9.215	63	129133	50.624	ug/l	98
46) Dibromomethane	9.307	93	75587	50.894	ug/l	96
47) Bromodichloromethane	9.496	83	184779	51.928	ug/l	98
48) Methyl methacrylate	9.288	41	69371	49.631	ug/l #	71
49) 1,4-Dioxane	9.294	88	21052	1038.279	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	436954	261.250	ug/l #	83
52) Toluene	10.245	92	348128	50.864	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	192474	52.459	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	217598	51.385	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	113842	52.932	ug/l	97
56) Ethyl methacrylate	10.508	69	147675	53.396	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	185632	51.739	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	335482	262.415	ug/l	91
59) 2-Hexanone	10.831	43	301901	254.797	ug/l	78
60) Dibromochloromethane	10.983	129	140188	52.806	ug/l	99
61) 1,2-Dibromoethane	11.087	107	105883	51.203	ug/l	99
64) Tetrachloroethene	10.721	164	149642	49.613	ug/l	99
65) Chlorobenzene	11.514	112	379898	50.301	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	145478	51.485	ug/l	98
67) Ethyl Benzene	11.593	91	671859	50.911	ug/l	97
68) m/p-Xylenes	11.703	106	528446	102.139	ug/l	93
69) o-Xylene	12.032	106	251600	51.560	ug/l	93
70) Styrene	12.044	104	431493	52.601	ug/l	95
71) Bromoform	12.209	173	90444	51.640	ug/l #	99
73) Isopropylbenzene	12.330	105	665493	50.058	ug/l	100
74) N-amyl acetate	12.141	43	141028	50.422	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.580	83	127241	49.815	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	96472m	43.330	ug/l	
77) Bromobenzene	12.611	156	160082	50.354	ug/l	92
78) n-propylbenzene	12.672	91	796040	50.183	ug/l	98
79) 2-Chlorotoluene	12.757	91	452890	49.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	566358	50.509	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	45419	49.035	ug/l #	81
82) 4-Chlorotoluene	12.855	91	467108	49.600	ug/l	98
83) tert-Butylbenzene	13.074	119	494134	50.970	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	562149	51.075	ug/l	98
85) sec-Butylbenzene	13.251	105	725646	50.849	ug/l	99
86) p-Isopropyltoluene	13.367	119	615383	51.445	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	313837	49.452	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	312257	49.755	ug/l	98
89) n-Butylbenzene	13.696	91	550533	51.220	ug/l	98
90) Hexachloroethane	13.958	117	117260	50.102	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	283240	50.312	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	20430	49.090	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	170104	51.256	ug/l	99
94) Hexachlorobutadiene	15.110	225	101619	51.829	ug/l	99
95) Naphthalene	15.232	128	344880	47.564	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	148663	51.873	ug/l	99

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

