

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011463.D
 Acq On : 15 Nov 2022 17:09
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022

Quant Time: Nov 16 00:22:16 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	316488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	492367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	440449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	117315	44.235	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.480%		
35) Dibromofluoromethane	7.722	113	130824	47.411	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.820%		
50) Toluene-d8	10.185	98	467039	44.305	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.600%		
62) 4-Bromofluorobenzene	12.483	95	175877	47.834	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	81061	42.202	ug/l	98
3) Chloromethane	2.113	50	102351	40.238	ug/l	97
4) Vinyl Chloride	2.253	62	123892	41.319	ug/l	99
5) Bromomethane	2.649	94	87241	40.180	ug/l	99
6) Chloroethane	2.796	64	84987	42.686	ug/l	98
7) Trichlorofluoromethane	3.131	101	205422	43.421	ug/l	94
8) Diethyl Ether	3.533	74	77945	46.919	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.905	101	129960	45.311	ug/l	95
10) Methyl Iodide	4.094	142	175395	45.851	ug/l	89
11) Tert butyl alcohol	4.954	59	73005	220.340	ug/l	98
12) 1,1-Dichloroethene	3.875	96	126288	44.470	ug/l #	79
13) Acrolein	3.728	56	18794	238.986	ug/l	98
14) Allyl chloride	4.484	41	175944	45.910	ug/l #	81
15) Acrylonitrile	5.161	53	199768	251.662	ug/l	96
16) Acetone	3.948	43	170700	243.916	ug/l #	81
17) Carbon Disulfide	4.198	76	339267	40.110	ug/l	99
18) Methyl Acetate	4.478	43	93912	48.341	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	365698	49.238	ug/l	97
20) Methylene Chloride	4.716	84	187398	49.130	ug/l #	78
21) trans-1,2-Dichloroethene	5.228	96	145192	44.842	ug/l #	81
22) Diisopropyl ether	6.124	45	392432	47.980	ug/l #	87
23) Vinyl Acetate	6.063	43	1202809	251.376	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	248982	46.747	ug/l	97
25) 2-Butanone	6.990	43	247881	248.662	ug/l #	76
26) 2,2-Dichloropropane	6.984	77	226400	45.453	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	171320	47.015	ug/l	83
28) Bromochloromethane	7.338	49	80847	41.798	ug/l #	71
29) Tetrahydrofuran	7.350	42	152788	253.025	ug/l #	76
30) Chloroform	7.508	83	264685	46.988	ug/l	99
31) Cyclohexane	7.789	56	200521	42.077	ug/l	87
32) 1,1,1-Trichloroethane	7.703	97	232707	45.676	ug/l	94
36) 1,1-Dichloropropene	7.917	75	192955	45.055	ug/l	96
37) Ethyl Acetate	7.075	43	101972	49.567	ug/l #	89
38) Carbon Tetrachloride	7.904	117	212154	45.541	ug/l	98
39) Methylcyclohexane	9.185	83	235263	44.958	ug/l	89
40) Benzene	8.161	78	582865	45.575	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	57117m	53.616	ug/l	
42) 1,2-Dichloroethane	8.240	62	157076	46.867	ug/l	88
43) Isopropyl Acetate	8.270	43	182813	49.259	ug/l #	83
44) Trichloroethene	8.941	130	165304	46.013	ug/l	99
45) 1,2-Dichloropropane	9.215	63	144167	47.365	ug/l	95
46) Dibromomethane	9.307	93	84991	47.959	ug/l	96
47) Bromodichloromethane	9.496	83	203903	48.023	ug/l	98
48) Methyl methacrylate	9.294	41	82099	49.226	ug/l #	70
49) 1,4-Dioxane	9.301	88	24950	1031.258	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	519708	260.409	ug/l #	82
52) Toluene	10.246	92	375200	45.942	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	210015	47.970	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	239222	47.343	ug/l #	79
55) 1,1,2-Trichloroethane	10.648	97	125381	48.857	ug/l	97
56) Ethyl methacrylate	10.514	69	168775	51.143	ug/l #	70
57) 1,3-Dichloropropane	10.794	76	209101	48.842	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	396138	259.682	ug/l	92
59) 2-Hexanone	10.831	43	367103	259.653	ug/l	78
60) Dibromochloromethane	10.983	129	152061	48.003	ug/l	100
61) 1,2-Dibromoethane	11.093	107	119680	48.503	ug/l	100
64) Tetrachloroethene	10.721	164	163460	46.429	ug/l	99
65) Chlorobenzene	11.520	112	408796	46.372	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	155866	47.257	ug/l	98
67) Ethyl Benzene	11.593	91	715180	46.428	ug/l	98
68) m/p-Xylenes	11.703	106	562670	93.171	ug/l	93
69) o-Xylene	12.032	106	269585	47.329	ug/l	92
70) Styrene	12.044	104	460429	48.086	ug/l	94
71) Bromoform	12.209	173	100121	48.974	ug/l #	100
73) Isopropylbenzene	12.331	105	707178	47.015	ug/l	100
74) N-amyl acetate	12.148	43	160413	50.691	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	142568	49.332	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	118550m	47.061	ug/l	
77) Bromobenzene	12.611	156	169370	47.088	ug/l	94
78) n-propylbenzene	12.672	91	842346	46.934	ug/l	98
79) 2-Chlorotoluene	12.757	91	475857	46.361	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	594099	46.829	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	51580	49.218	ug/l #	80
82) 4-Chlorotoluene	12.855	91	488918	45.885	ug/l	98
83) tert-Butylbenzene	13.074	119	530534	48.368	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	586931	47.132	ug/l	97
85) sec-Butylbenzene	13.257	105	758100	46.953	ug/l	99
86) p-Isopropyltoluene	13.373	119	637985	47.139	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	327419	45.600	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	324799	45.742	ug/l	99
89) n-Butylbenzene	13.696	91	577444	47.483	ug/l	97
90) Hexachloroethane	13.964	117	121282	45.801	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	294640	46.258	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23922	50.804	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	181156	48.245	ug/l	99
94) Hexachlorobutadiene	15.111	225	105819	47.702	ug/l	98
95) Naphthalene	15.239	128	394281	48.026	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	160586	49.525	ug/l	99

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

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