

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011538.D
 Acq On : 22 Nov 2022 10:26
 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 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 04:05:46 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	207829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	295888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102243	48.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.900%		
35) Dibromofluoromethane	7.722	113	101224	50.067	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.140%		
50) Toluene-d8	10.179	98	362853	49.389	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.780%		
62) 4-Bromofluorobenzene	12.483	95	138566	51.011	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54227	48.278	ug/l	99
3) Chloromethane	2.119	50	92862	52.802	ug/l	96
4) Vinyl Chloride	2.253	62	112260	47.756	ug/l	99
5) Bromomethane	2.656	94	77828	52.025	ug/l	99
6) Chloroethane	2.802	64	75493	46.030	ug/l	100
7) Trichlorofluoromethane	3.131	101	170256	49.378	ug/l	94
8) Diethyl Ether	3.534	74	57687	51.766	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.906	101	102461	51.389	ug/l	95
10) Methyl Iodide	4.095	142	118137	50.856	ug/l	95
11) Tert butyl alcohol	4.948	59	48759	208.306	ug/l #	91
12) 1,1-Dichloroethene	3.881	96	95063	52.050	ug/l	92
13) Acrolein	3.735	56	11387	204.644	ug/l	96
14) Allyl chloride	4.485	41	176021	54.901	ug/l	94
15) Acrylonitrile	5.161	53	154038	253.071	ug/l	99
16) Acetone	3.948	43	180297	263.031	ug/l	95
17) Carbon Disulfide	4.198	76	256269	50.627	ug/l	99
18) Methyl Acetate	4.479	43	76612	48.260	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	282267	54.153	ug/l	98
20) Methylene Chloride	4.716	84	122479	47.103	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	111027	52.606	ug/l	94
22) Diisopropyl ether	6.119	45	391259	55.906	ug/l	96
23) Vinyl Acetate	6.064	43	1147970	281.593	ug/l	96
24) 1,1-Dichloroethane	6.021	63	215516	52.448	ug/l	99
25) 2-Butanone	6.984	43	227818	252.893	ug/l	91
26) 2,2-Dichloropropane	6.984	77	197250	52.011	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	132993	53.525	ug/l	94
28) Bromochloromethane	7.338	49	81704	49.494	ug/l	95
29) Tetrahydrofuran	7.350	42	128671	252.921	ug/l	94
30) Chloroform	7.509	83	221949	52.084	ug/l	99
31) Cyclohexane	7.789	56	180974	51.739	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	199895	52.438	ug/l	97
36) 1,1-Dichloropropene	7.917	75	163059	51.596	ug/l	98
37) Ethyl Acetate	7.076	43	88208	49.016	ug/l	97
38) Carbon Tetrachloride	7.905	117	178912	50.601	ug/l	99
39) Methylcyclohexane	9.185	83	190819	54.106	ug/l	96
40) Benzene	8.161	78	477313	51.849	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	45284	49.769	ug/l #	59
42) 1,2-Dichloroethane	8.240	62	140919	49.497	ug/l	94
43) Isopropyl Acetate	8.271	43	163237	50.282	ug/l	94
44) Trichloroethene	8.941	130	125627	50.720	ug/l	95
45) 1,2-Dichloropropane	9.216	63	123359	52.425	ug/l	92
46) Dibromomethane	9.307	93	65020	49.419	ug/l	96
47) Bromodichloromethane	9.496	83	170263	51.376	ug/l	98
48) Methyl methacrylate	9.295	41	75152	52.117	ug/l	89
49) 1,4-Dioxane	9.301	88	15774	968.109	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	459255	254.481	ug/l	94
52) Toluene	10.246	92	306453	52.642	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	171074	51.641	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	194648	52.230	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	93624	49.739	ug/l	97
56) Ethyl methacrylate	10.514	69	126529	54.048	ug/l #	87
57) 1,3-Dichloropropane	10.795	76	162502	50.976	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	279994	244.211	ug/l	99
59) 2-Hexanone	10.831	43	331965	257.729	ug/l	92
60) Dibromochloromethane	10.984	129	117165	50.792	ug/l	100
61) 1,2-Dibromoethane	11.093	107	87162	50.730	ug/l	100
64) Tetrachloroethene	10.721	164	124238	50.953	ug/l	97
65) Chlorobenzene	11.520	112	327987	52.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	123437	52.563	ug/l	98
67) Ethyl Benzene	11.593	91	611271	54.639	ug/l	100
68) m/p-Xylenes	11.703	106	463779	108.903	ug/l	97
69) o-Xylene	12.032	106	219018	55.239	ug/l	98
70) Styrene	12.044	104	375273	55.448	ug/l	97
71) Bromoform	12.209	173	71905	50.330	ug/l #	99
73) Isopropylbenzene	12.331	105	603191	56.698	ug/l	98
74) N-amyl acetate	12.148	43	144658	55.062	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	106994	51.037	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	87145m	55.009	ug/l	
77) Bromobenzene	12.611	156	131179	52.806	ug/l	99
78) n-propylbenzene	12.672	91	729380	56.196	ug/l	100
79) 2-Chlorotoluene	12.758	91	408625	55.857	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	509614	56.826	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	37715	52.146	ug/l	92
82) 4-Chlorotoluene	12.855	91	418940	54.768	ug/l	99
83) tert-Butylbenzene	13.075	119	452896	57.979	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	496605	56.067	ug/l	99
85) sec-Butylbenzene	13.258	105	660568	56.677	ug/l	99
86) p-Isopropyltoluene	13.373	119	548415	56.381	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	267341	52.867	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	263079	52.027	ug/l	98
89) n-Butylbenzene	13.696	91	507167	56.720	ug/l	99
90) Hexachloroethane	13.965	117	103358	52.620	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	233377	52.063	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17297	50.311	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	134705	54.178	ug/l	99
94) Hexachlorobutadiene	15.111	225	82608	53.450	ug/l	99
95) Naphthalene	15.239	128	256775	49.322	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	113734	53.377	ug/l	99

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

