

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016984.D
 Acq On : 12 Jan 2024 11:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024

Quant Time: Jan 13 00:01:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	122836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	201530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	171830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	56187	46.280	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.560%		
35) Dibromofluoromethane	7.728	113	62271	48.489	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.980%		
50) Toluene-d8	10.191	98	215438	48.717	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.440%		
62) 4-Bromofluorobenzene	12.495	95	70983	47.575	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	38852	41.328	ug/l	99
3) Chloromethane	2.125	50	63748	44.178	ug/l	97
4) Vinyl Chloride	2.259	62	78637	46.201	ug/l	100
5) Bromomethane	2.662	94	56423	46.273	ug/l	99
6) Chloroethane	2.808	64	55098	47.855	ug/l	98
7) Trichlorofluoromethane	3.137	101	101671	48.480	ug/l	99
8) Diethyl Ether	3.540	74	33923	50.615	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	66457	48.736	ug/l	99
10) Methyl Iodide	4.107	142	60875	52.475	ug/l	99
11) Tert butyl alcohol	4.966	59	24708	284.313	ug/l	99
12) 1,1-Dichloroethene	3.887	96	56573	48.354	ug/l	97
13) Acrolein	3.741	56	26545	198.891	ug/l	100
14) Allyl chloride	4.497	41	91416	49.425	ug/l	98
15) Acrylonitrile	5.173	53	80023	255.264	ug/l	100
16) Acetone	3.960	43	75601	252.944	ug/l	97
17) Carbon Disulfide	4.210	76	119436	42.724	ug/l	100
18) Methyl Acetate	4.491	43	75242	57.847	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	165755	54.456	ug/l	99
20) Methylene Chloride	4.734	84	72474	45.401	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	65902	49.182	ug/l	100
22) Diisopropyl ether	6.131	45	227280	53.152	ug/l	97
23) Vinyl Acetate	6.070	43	496375	253.166	ug/l	99
24) 1,1-Dichloroethane	6.033	63	130668	50.851	ug/l	99
25) 2-Butanone	6.996	43	105241	254.179	ug/l	100
26) 2,2-Dichloropropane	6.996	77	115736	51.947	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	82449	52.490	ug/l	99
28) Bromochloromethane	7.350	49	53899	55.872	ug/l	98
29) Tetrahydrofuran	7.362	42	61620	250.771	ug/l	99
30) Chloroform	7.521	83	137683	51.994	ug/l	98
31) Cyclohexane	7.801	56	93758	44.995	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	116296	51.796	ug/l	99
36) 1,1-Dichloropropene	7.929	75	95166	50.848	ug/l	99
37) Ethyl Acetate	7.082	43	44226	51.999	ug/l	99
38) Carbon Tetrachloride	7.917	117	99396	52.273	ug/l	98
39) Methylcyclohexane	9.197	83	104292	49.568	ug/l	98
40) Benzene	8.173	78	289366	51.541	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23619m	52.728	ug/l	
42) 1,2-Dichloroethane	8.246	62	78255	52.504	ug/l	99
43) Isopropyl Acetate	8.283	43	85241	52.336	ug/l	99
44) Trichloroethene	8.953	130	74170	51.918	ug/l	95
45) 1,2-Dichloropropane	9.228	63	75501	52.200	ug/l	98
46) Dibromomethane	9.319	93	38510	52.206	ug/l	99
47) Bromodichloromethane	9.508	83	106235	53.631	ug/l	97
48) Methyl methacrylate	9.301	41	46629	53.049	ug/l	95
49) 1,4-Dioxane	9.313	88	8221	1076.342	ug/l	99
51) 4-Methyl-2-Pentanone	10.081	43	235373	271.734	ug/l	99
52) Toluene	10.252	92	179078	52.852	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	95917	54.059	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	115621	54.262	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	57332	53.200	ug/l	99
56) Ethyl methacrylate	10.520	69	51952	56.916	ug/l	98
57) 1,3-Dichloropropane	10.800	76	96523	53.646	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	149595	259.717	ug/l	100
59) 2-Hexanone	10.843	43	162415	254.649	ug/l	99
60) Dibromochloromethane	10.996	129	67605	54.398	ug/l	99
61) 1,2-Dibromoethane	11.099	107	50395	53.823	ug/l	99
64) Tetrachloroethene	10.733	164	56034	50.300	ug/l	98
65) Chlorobenzene	11.526	112	190528	53.227	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	74889	55.036	ug/l	100
67) Ethyl Benzene	11.605	91	346901	53.830	ug/l	99
68) m/p-Xylenes	11.715	106	258665	109.350	ug/l	100
69) o-Xylene	12.038	106	123649	55.759	ug/l	97
70) Styrene	12.056	104	181053	56.097	ug/l	99
71) Bromoform	12.221	173	37394	55.823	ug/l #	99
73) Isopropylbenzene	12.343	105	337648	54.661	ug/l	100
74) N-amyl acetate	12.154	43	66532	53.608	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	64768	51.460	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	43740m	53.285	ug/l	
77) Bromobenzene	12.623	156	72201	53.088	ug/l	98
78) n-propylbenzene	12.684	91	405603	54.011	ug/l	100
79) 2-Chlorotoluene	12.770	91	222258	53.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	268839	55.029	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	19409	53.690	ug/l	97
82) 4-Chlorotoluene	12.867	91	229730	53.999	ug/l	100
83) tert-Butylbenzene	13.087	119	239093	55.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	267699	55.642	ug/l	99
85) sec-Butylbenzene	13.263	105	348525	54.664	ug/l	100
86) p-Isopropyltoluene	13.379	119	291264	55.352	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	142391	53.384	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	138768	53.192	ug/l	99
89) n-Butylbenzene	13.708	91	277769	54.903	ug/l	99
90) Hexachloroethane	13.971	117	59137	52.301	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	121690	52.793	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8378	53.083	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	66124	57.769	ug/l	98
94) Hexachlorobutadiene	15.123	225	38172	53.234	ug/l	99
95) Naphthalene	15.251	128	120886	56.956	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	53621	55.171	ug/l	96

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

