

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017081.D
 Acq On : 22 Jan 2024 18:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/23/2024
 Supervised By :Semsettin Yesilyurt 01/23/2024

Quant Time: Jan 23 01:48:57 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	7.813	168	142254	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	236137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	201439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	92527	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	66079	46.998	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.000%		
35) Dibromofluoromethane	7.740	113	76633	50.927	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.860%		
50) Toluene-d8	10.197	98	244925	47.268	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.540%		
62) 4-Bromofluorobenzene	12.501	95	88846	50.821	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	63219	60.255	ug/l	96
3) Chloromethane	2.125	50	95852	57.359	ug/l	100
4) Vinyl Chloride	2.265	62	115412	58.551	ug/l	99
5) Bromomethane	2.668	94	82059	58.111	ug/l	99
6) Chloroethane	2.808	64	74217	55.661	ug/l	97
7) Trichlorofluoromethane	3.143	101	129917	53.493	ug/l	99
8) Diethyl Ether	3.546	74	41063	52.905	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.924	101	79651	50.439	ug/l	100
10) Methyl Iodide	4.119	142	80853	60.183	ug/l	97
11) Tert butyl alcohol	4.978	59	25972	254.528	ug/l	98
12) 1,1-Dichloroethene	3.893	96	74889	55.272	ug/l	97
13) Acrolein	3.741	56	29292	189.132	ug/l	100
14) Allyl chloride	4.503	41	111145	51.889	ug/l	98
15) Acrylonitrile	5.186	53	89268	245.885	ug/l	99
16) Acetone	3.966	43	96809	282.513	ug/l	99
17) Carbon Disulfide	4.216	76	218966	67.636	ug/l	100
18) Methyl Acetate	4.497	43	87184	57.879	ug/l	97
19) Methyl tert-butyl Ether	5.253	73	181574	51.510	ug/l	98
20) Methylene Chloride	4.747	84	86478	47.122	ug/l	96
21) trans-1,2-Dichloroethene	5.247	96	86943	56.027	ug/l	98
22) Diisopropyl ether	6.149	45	248452	50.172	ug/l	94
23) Vinyl Acetate	6.088	43	552604	243.372	ug/l	98
24) 1,1-Dichloroethane	6.045	63	148705	49.971	ug/l	99
25) 2-Butanone	7.009	43	120216	250.577	ug/l	98
26) 2,2-Dichloropropane	7.009	77	128427	49.775	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	96787	53.207	ug/l	98
28) Bromochloromethane	7.356	49	62563	56.001	ug/l	94
29) Tetrahydrofuran	7.374	42	72542	254.922	ug/l	99
30) Chloroform	7.533	83	152925	49.867	ug/l	96
31) Cyclohexane	7.807	56	131674	54.566	ug/l	97
32) 1,1,1-Trichloroethane	7.728	97	134363	51.674	ug/l	99
36) 1,1-Dichloropropene	7.941	75	119882	54.667	ug/l	99
37) Ethyl Acetate	7.094	43	48085	48.250	ug/l	98
38) Carbon Tetrachloride	7.929	117	119726	53.736	ug/l	97
39) Methylcyclohexane	9.203	83	144106	58.454	ug/l	98
40) Benzene	8.185	78	350807	53.327	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	26400	50.299	ug/l	93
42) 1,2-Dichloroethane	8.258	62	89735	51.382	ug/l	99
43) Isopropyl Acetate	8.295	43	93589	49.040	ug/l	99
44) Trichloroethene	8.959	130	91698	54.780	ug/l	95
45) 1,2-Dichloropropane	9.234	63	84793	50.032	ug/l	97
46) Dibromomethane	9.325	93	45113	52.194	ug/l	98
47) Bromodichloromethane	9.514	83	115706	49.852	ug/l	95
48) Methyl methacrylate	9.313	41	54625	53.038	ug/l	98
49) 1,4-Dioxane	9.319	88	9492	1060.618	ug/l	92
51) 4-Methyl-2-Pentanone	10.087	43	257022	253.241	ug/l	99
52) Toluene	10.264	92	217621	54.815	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	108455	52.167	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	131751	52.770	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	63381	50.194	ug/l	99
56) Ethyl methacrylate	10.526	69	58675	54.860	ug/l	100
57) 1,3-Dichloropropane	10.807	76	108576	51.501	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	150697	225.733	ug/l	100
59) 2-Hexanone	10.849	43	182277	243.906	ug/l	97
60) Dibromochloromethane	11.002	129	74439	51.119	ug/l	99
61) 1,2-Dibromoethane	11.105	107	58338	53.175	ug/l	99
64) Tetrachloroethene	10.740	164	73412	56.213	ug/l	97
65) Chlorobenzene	11.532	112	224113	53.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.611	131	82945	51.997	ug/l	99
67) Ethyl Benzene	11.611	91	414891	54.917	ug/l	99
68) m/p-Xylenes	11.721	106	312623	112.734	ug/l	99
69) o-Xylene	12.044	106	143623	55.246	ug/l	100
70) Styrene	12.063	104	215079	56.844	ug/l	100
71) Bromoform	12.227	173	41488	52.831	ug/l #	97
73) Isopropylbenzene	12.349	105	393286	52.051	ug/l	99
74) N-amyl acetate	12.160	43	75630	49.820	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	70216	45.609	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	48776m	48.578	ug/l	
77) Bromobenzene	12.623	156	84820	50.987	ug/l	97
78) n-propylbenzene	12.690	91	477699	52.005	ug/l	99
79) 2-Chlorotoluene	12.776	91	258100	50.671	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	316077	52.893	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	21303	48.177	ug/l	96
82) 4-Chlorotoluene	12.873	91	266447	51.202	ug/l	98
83) tert-Butylbenzene	13.093	119	274517	52.157	ug/l	100
84) 1,2,4-Trimethylbenzene	13.135	105	314968	53.521	ug/l	98
85) sec-Butylbenzene	13.270	105	402181	51.569	ug/l	99
86) p-Isopropyltoluene	13.385	119	342708	53.245	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	166073	50.902	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	162806	51.019	ug/l	99
89) n-Butylbenzene	13.715	91	326949	52.832	ug/l	99
90) Hexachloroethane	13.977	117	67213	48.597	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	142239	50.448	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9319	48.271	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	78682	56.197	ug/l	98
94) Hexachlorobutadiene	15.129	225	46198	52.671	ug/l	100
95) Naphthalene	15.251	128	145336	56.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	64781	54.491	ug/l	98

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

