

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018039.D
 Acq On : 24 Apr 2024 16:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/25/2024
 Supervised By :Semsettin Yesilyurt 04/25/2024

Quant Time: Apr 25 01:36:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	370425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	564888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	513537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	259123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131514	41.027	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.060%		
35) Dibromofluoromethane	7.710	113	154706	44.392	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.780%		
50) Toluene-d8	10.179	98	626215	47.355	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.700%		
62) 4-Bromofluorobenzene	12.483	95	193908	47.347	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	134150	45.650	ug/l	99
3) Chloromethane	2.107	50	175103	35.961	ug/l	97
4) Vinyl Chloride	2.247	62	201417	36.699	ug/l	98
5) Bromomethane	2.650	94	149893	41.032	ug/l	100
6) Chloroethane	2.790	64	131429	37.931	ug/l	98
7) Trichlorofluoromethane	3.119	101	261078	42.209	ug/l	95
8) Diethyl Ether	3.521	74	84295	43.127	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	166545	43.238	ug/l	96
10) Methyl Iodide	4.082	142	228388	44.568	ug/l	99
11) Tert butyl alcohol	4.942	59	42121	179.560	ug/l #	96
12) 1,1-Dichloroethene	3.863	96	168130	44.963	ug/l	98
13) Acrolein	3.723	56	58978	236.240	ug/l	99
14) Allyl chloride	4.472	41	218537	45.161	ug/l	92
15) Acrylonitrile	5.155	53	169593	213.703	ug/l	100
16) Acetone	3.936	43	122350	193.169	ug/l	96
17) Carbon Disulfide	4.186	76	498778	41.930	ug/l	99
18) Methyl Acetate	4.466	43	65925	39.565	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	355774	43.657	ug/l	100
20) Methylene Chloride	4.704	84	226023	52.673	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	187229	45.707	ug/l	98
22) Diisopropyl ether	6.106	45	504444	47.551	ug/l	99
23) Vinyl Acetate	6.051	43	1399373	222.451	ug/l	98
24) 1,1-Dichloroethane	6.009	63	314293	45.376	ug/l	98
25) 2-Butanone	6.978	43	190118	204.210	ug/l	94
26) 2,2-Dichloropropane	6.972	77	250738	45.121	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	217180	46.423	ug/l	99
28) Bromochloromethane	7.326	49	116294	42.683	ug/l	100
29) Tetrahydrofuran	7.344	42	123060	208.293	ug/l	96
30) Chloroform	7.496	83	326461	46.117	ug/l	99
31) Cyclohexane	7.777	56	259064	42.282	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	271833	46.104	ug/l	98
36) 1,1-Dichloropropene	7.911	75	234715	46.311	ug/l	99
37) Ethyl Acetate	7.070	43	90121	43.220	ug/l	98
38) Carbon Tetrachloride	7.893	117	247379	48.312	ug/l	100
39) Methylcyclohexane	9.179	83	300614	45.515	ug/l	95
40) Benzene	8.155	78	757921	47.742	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	70833m	53.834	ug/l	
42) 1,2-Dichloroethane	8.228	62	161526	44.405	ug/l	98
43) Isopropyl Acetate	8.264	43	161969	41.670	ug/l	99
44) Trichloroethene	8.935	130	197749	49.019	ug/l	98
45) 1,2-Dichloropropane	9.209	63	174792	47.831	ug/l	98
46) Dibromomethane	9.301	93	93419	46.215	ug/l	95
47) Bromodichloromethane	9.496	83	239577	47.241	ug/l	97
48) Methyl methacrylate	9.289	41	77728	43.640	ug/l	97
49) 1,4-Dioxane	9.301	88	20480	887.494	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	450168	218.469	ug/l	100
52) Toluene	10.240	92	489647	50.263	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	221778	47.902	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	274020	48.179	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	129760	47.223	ug/l	97
56) Ethyl methacrylate	10.508	69	166761	46.551	ug/l	96
57) 1,3-Dichloropropane	10.788	76	222290	47.774	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	377073	202.500	ug/l	100
59) 2-Hexanone	10.831	43	317760	225.906	ug/l	98
60) Dibromochloromethane	10.983	129	175684	49.747	ug/l	98
61) 1,2-Dibromoethane	11.087	107	118978	46.460	ug/l	100
64) Tetrachloroethene	10.721	164	180726	49.127	ug/l	97
65) Chlorobenzene	11.514	112	538425	47.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	181121	48.803	ug/l	99
67) Ethyl Benzene	11.593	91	919578	48.524	ug/l	98
68) m/p-Xylenes	11.703	106	715514	98.303	ug/l	99
69) o-Xylene	12.032	106	337549	49.660	ug/l	100
70) Styrene	12.044	104	583387	50.781	ug/l	99
71) Bromoform	12.209	173	100338	46.794	ug/l #	97
73) Isopropylbenzene	12.331	105	882448	46.737	ug/l	98
74) N-amyl acetate	12.142	43	157951	41.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	145226	41.240	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	101382m	41.694	ug/l	
77) Bromobenzene	12.611	156	210951	46.168	ug/l	96
78) n-propylbenzene	12.672	91	1067547	46.600	ug/l	99
79) 2-Chlorotoluene	12.758	91	595165	46.415	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	712863	47.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	48885	41.451	ug/l	98
82) 4-Chlorotoluene	12.855	91	610725	45.988	ug/l	98
83) tert-Butylbenzene	13.075	119	651508	47.645	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	712471	47.786	ug/l	98
85) sec-Butylbenzene	13.251	105	969690	47.212	ug/l	98
86) p-Isopropyltoluene	13.367	119	811947	48.110	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	423387	46.701	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	414540	46.579	ug/l	98
89) n-Butylbenzene	13.696	91	754432	47.516	ug/l	99
90) Hexachloroethane	13.965	117	162609	46.987	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	363879	46.524	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18664	41.205	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	218098	47.884	ug/l	99
94) Hexachlorobutadiene	15.111	225	133626	49.454	ug/l	97
95) Naphthalene	15.239	128	348378	46.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	182243	47.684	ug/l	100

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

