

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017527.D
 Acq On : 29 Feb 2024 10:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/01/2024
 Supervised By : Mahesh Dadoda 03/01/2024

Quant Time: Mar 01 00:29:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	158423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73499	48.953	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.900%		
35) Dibromofluoromethane	7.722	113	88083	52.772	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.540%		
50) Toluene-d8	10.185	98	334559	57.328	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	114.660%		
62) 4-Bromofluorobenzene	12.483	95	101253	55.207	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	110.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51313	43.909	ug/l	96
3) Chloromethane	2.113	50	87992	41.210	ug/l	98
4) Vinyl Chloride	2.253	62	115458	42.149	ug/l	100
5) Bromomethane	2.656	94	90637	40.603	ug/l	99
6) Chloroethane	2.796	64	73772	42.691	ug/l	100
7) Trichlorofluoromethane	3.125	101	120330	43.101	ug/l	98
8) Diethyl Ether	3.528	74	34157	41.714	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	73391	45.702	ug/l	99
10) Methyl Iodide	4.094	142	86379	47.930	ug/l	99
11) Tert butyl alcohol	4.954	59	18717	146.758	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	69467	46.418	ug/l	99
13) Acrolein	3.729	56	40375	239.927	ug/l	97
14) Allyl chloride	4.485	41	80725	44.642	ug/l	97
15) Acrylonitrile	5.161	53	67485	200.484	ug/l	100
16) Acetone	3.948	43	81870	281.132	ug/l	99
17) Carbon Disulfide	4.198	76	221522	49.315	ug/l	100
18) Methyl Acetate	4.479	43	27884	39.467	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	145198	41.626	ug/l	100
20) Methylene Chloride	4.722	84	77647	44.814	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	81433	46.473	ug/l	98
22) Diisopropyl ether	6.119	45	184788	44.284	ug/l	96
23) Vinyl Acetate	6.064	43	533969	214.745	ug/l	98
24) 1,1-Dichloroethane	6.021	63	127604	44.761	ug/l	99
25) 2-Butanone	6.990	43	98817	238.102	ug/l	97
26) 2,2-Dichloropropane	6.984	77	109904	45.854	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	89223	45.351	ug/l	98
28) Bromochloromethane	7.338	49	64301	57.272	ug/l	94
29) Tetrahydrofuran	7.350	42	50561	202.101	ug/l	100
30) Chloroform	7.509	83	135126	44.521	ug/l	99
31) Cyclohexane	7.789	56	113355	46.392	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	120692	45.802	ug/l	98
36) 1,1-Dichloropropene	7.923	75	109569	48.654	ug/l	99
37) Ethyl Acetate	7.076	43	36019	40.495	ug/l	98
38) Carbon Tetrachloride	7.905	117	109843	48.667	ug/l	98
39) Methylcyclohexane	9.191	83	137941	50.968	ug/l	97
40) Benzene	8.167	78	313826	46.924	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21807m	48.857	ug/l	
42) 1,2-Dichloroethane	8.240	62	71386	43.748	ug/l	98
43) Isopropyl Acetate	8.277	43	65783	42.087	ug/l	99
44) Trichloroethene	8.941	130	89328	46.340	ug/l	99
45) 1,2-Dichloropropane	9.216	63	71805	45.128	ug/l	98
46) Dibromomethane	9.307	93	39990	43.915	ug/l	96
47) Bromodichloromethane	9.502	83	99423	44.966	ug/l	99
48) Methyl methacrylate	9.295	41	31436	43.451	ug/l	97
49) 1,4-Dioxane	9.301	88	8275	802.957	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	180540	207.250	ug/l	98
52) Toluene	10.246	92	200330	47.515	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	91594	44.631	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	113398	45.474	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	55269	42.748	ug/l	97
56) Ethyl methacrylate	10.514	69	63651	40.524	ug/l	97
57) 1,3-Dichloropropane	10.794	76	90765	43.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	186398	249.838	ug/l	99
59) 2-Hexanone	10.837	43	146451	244.756	ug/l	98
60) Dibromochloromethane	10.990	129	67868	44.372	ug/l	99
61) 1,2-Dibromoethane	11.093	107	52474	44.041	ug/l	100
64) Tetrachloroethene	10.721	164	87215	43.917	ug/l	98
65) Chlorobenzene	11.520	112	206855	47.102	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	76551	46.528	ug/l	99
67) Ethyl Benzene	11.599	91	375020	48.692	ug/l	97
68) m/p-Xylenes	11.703	106	296809	98.073	ug/l	100
69) o-Xylene	12.032	106	134976	48.073	ug/l	99
70) Styrene	12.050	104	223689	47.997	ug/l	99
71) Bromoform	12.209	173	40470	44.388	ug/l #	98
73) Isopropylbenzene	12.331	105	361054	49.652	ug/l	99
74) N-amyl acetate	12.148	43	55661	43.399	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	57750	46.248	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	39144m	42.091	ug/l	
77) Bromobenzene	12.611	156	82261	46.713	ug/l	94
78) n-propylbenzene	12.672	91	433639	49.699	ug/l	99
79) 2-Chlorotoluene	12.758	91	232066	47.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	287658	49.376	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17801	43.982	ug/l	96
82) 4-Chlorotoluene	12.855	91	235789	47.190	ug/l	97
83) tert-Butylbenzene	13.081	119	256824	50.202	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	280940	48.846	ug/l	100
85) sec-Butylbenzene	13.257	105	388698	49.697	ug/l	100
86) p-Isopropyltoluene	13.373	119	315837	49.329	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	163390	46.225	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	157264	45.764	ug/l	100
89) n-Butylbenzene	13.696	91	283576	48.544	ug/l	99
90) Hexachloroethane	13.965	117	61446	47.869	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	137662	46.044	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6950	39.591	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	68735	43.524	ug/l	100
94) Hexachlorobutadiene	15.111	225	43299	44.408	ug/l	97
95) Naphthalene	15.239	128	111736	37.570	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	57457	42.410	ug/l	98

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

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