

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019417.D
 Acq On : 30 Aug 2024 23:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 31 01:58:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	113632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	195450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	175151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	88678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	66498	61.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.560%	
35) Dibromofluoromethane	7.634	113	66581	53.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.760%	
50) Toluene-d8	10.109	98	199975	43.962	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.920%	
62) 4-Bromofluorobenzene	12.407	95	83353	56.653	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 113.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	38577	41.664	ug/l	98
3) Chloromethane	2.068	50	75114	49.865	ug/l	99
4) Vinyl Chloride	2.202	62	84392	48.829	ug/l	96
5) Bromomethane	2.598	94	61127	55.554	ug/l	99
6) Chloroethane	2.732	64	55684	52.901	ug/l	97
7) Trichlorofluoromethane	3.055	101	88900	43.454	ug/l	95
8) Diethyl Ether	3.451	74	32435	67.127	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.811	101	56213	48.400	ug/l	95
10) Methyl Iodide	4.000	142	73622	65.031	ug/l	94
11) Tert butyl alcohol	4.854	59	18500	304.980	ug/l #	97
12) 1,1-Dichloroethene	3.793	96	57393	54.185	ug/l	98
13) Acrolein	3.653	56	14872	210.231	ug/l	99
14) Allyl chloride	4.378	41	83380	57.017	ug/l	93
15) Acrylonitrile	5.049	53	68115	345.070	ug/l	98
16) Acetone	3.872	43	51155	241.644	ug/l	92
17) Carbon Disulfide	4.104	76	170379	55.719	ug/l	99
18) Methyl Acetate	4.378	43	32087	68.657	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	155456	64.376	ug/l	98
20) Methylene Chloride	4.610	84	72982	64.906	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	67083	55.606	ug/l	98
22) Diisopropyl ether	6.012	45	196893	59.845	ug/l	93
23) Vinyl Acetate	5.951	43	538167	293.892	ug/l	94
24) 1,1-Dichloroethane	5.908	63	114270	57.473	ug/l	99
25) 2-Butanone	6.890	43	85436	301.720	ug/l	90
26) 2,2-Dichloropropane	6.878	77	74623	43.090	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	80927	58.586	ug/l	98
28) Bromochloromethane	7.237	49	47756	58.462	ug/l	94
29) Tetrahydrofuran	7.250	42	56985	334.934	ug/l	91
30) Chloroform	7.420	83	126356	56.771	ug/l	97
31) Cyclohexane	7.701	56	86722	47.381	ug/l	100
32) 1,1,1-Trichloroethane	7.615	97	111344	53.905	ug/l	98
36) 1,1-Dichloropropene	7.835	75	84606	48.449	ug/l	99
37) Ethyl Acetate	6.981	43	40454	58.525	ug/l	95
38) Carbon Tetrachloride	7.817	117	99096	46.560	ug/l	97
39) Methylcyclohexane	9.109	83	101867	45.490	ug/l	96
40) Benzene	8.079	78	275498	51.839	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	23452m	56.260	ug/l	
42) 1,2-Dichloroethane	8.158	62	76000	53.887	ug/l	97
43) Isopropyl Acetate	8.195	43	78783	58.402	ug/l #	81
44) Trichloroethene	8.865	130	73644	50.454	ug/l	100
45) 1,2-Dichloropropane	9.139	63	62268	54.061	ug/l	94
46) Dibromomethane	9.231	93	38353	55.355	ug/l	98
47) Bromodichloromethane	9.426	83	101395	55.413	ug/l	98
48) Methyl methacrylate	9.219	41	38075	59.700	ug/l	88
49) 1,4-Dioxane	9.231	88	8136	1071.830	ug/l #	91
51) 4-Methyl-2-Pentanone	9.999	43	165806	234.723	ug/l	95
52) Toluene	10.170	92	145830	41.857	ug/l	98
53) t-1,3-Dichloropropene	10.395	75	56548	37.416	ug/l	90
54) cis-1,3-Dichloropropene	9.853	75	78472	43.850	ug/l	94
55) 1,1,2-Trichloroethane	10.572	97	38650	43.731	ug/l	95
56) Ethyl methacrylate	10.438	69	50882	44.317	ug/l #	86
57) 1,3-Dichloropropane	10.718	76	65016	45.031	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	126616	245.985	ug/l	95
59) 2-Hexanone	10.761	43	106385	227.108	ug/l	93
60) Dibromochloromethane	10.914	129	55094	45.723	ug/l	100
61) 1,2-Dibromoethane	11.017	107	38669	47.491	ug/l	99
64) Tetrachloroethene	10.651	164	64322	37.600	ug/l	95
65) Chlorobenzene	11.444	112	196950	50.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	70584	51.945	ug/l	97
67) Ethyl Benzene	11.517	91	344334	50.260	ug/l	98
68) m/p-Xylenes	11.627	106	273303	100.823	ug/l	99
69) o-Xylene	11.956	106	129482	51.283	ug/l	99
70) Styrene	11.968	104	221393	53.587	ug/l	98
71) Bromoform	12.133	173	40356	55.875	ug/l #	98
73) Isopropylbenzene	12.255	105	328031	46.392	ug/l	100
74) N-amyl acetate	12.072	43	74863	55.060	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	53317	50.735	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	43064m	55.297	ug/l	
77) Bromobenzene	12.535	156	78719	47.251	ug/l	97
78) n-propylbenzene	12.596	91	384893	45.051	ug/l	99
79) 2-Chlorotoluene	12.682	91	224380	47.141	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	266995	47.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	15618	49.617	ug/l #	87
82) 4-Chlorotoluene	12.779	91	233519	48.498	ug/l	99
83) tert-Butylbenzene	12.999	119	242385	47.569	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	269620	50.408	ug/l	99
85) sec-Butylbenzene	13.175	105	347732	46.565	ug/l	99
86) p-Isopropyltoluene	13.291	119	289890	47.656	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	153088	49.951	ug/l	99
88) 1,4-Dichlorobenzene	13.370	146	150075	49.077	ug/l	98
89) n-Butylbenzene	13.614	91	251979	45.084	ug/l	98
90) Hexachloroethane	13.876	117	58248	47.235	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	136014	50.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8763	59.593	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	69327	49.881	ug/l	98
94) Hexachlorobutadiene	15.023	225	38117	36.567	ug/l	99
95) Naphthalene	15.145	128	135430	59.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	61470	51.692	ug/l	98

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

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