

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007486.D
 Acq On : 11 Feb 2022 18:52
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 12 02:56:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	136529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74896	47.692	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.380%		
35) Dibromofluoromethane	7.722	113	67551	46.373	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.740%		
50) Toluene-d8	10.179	98	246663	45.833	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.660%		
62) 4-Bromofluorobenzene	12.477	95	86919	47.518	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	80503	50.362	ug/l	98
3) Chloromethane	2.113	50	75483	42.629	ug/l	98
4) Vinyl Chloride	2.253	62	82084	43.547	ug/l	96
5) Bromomethane	2.650	94	55739	48.819	ug/l	99
6) Chloroethane	2.796	64	52587	45.426	ug/l	100
7) Trichlorofluoromethane	3.125	101	163259	53.447	ug/l	95
8) Diethyl Ether	3.527	74	48452	53.438	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	89313	51.917	ug/l	93
10) Methyl Iodide	4.094	142	112961	60.911	ug/l	97
11) Tert butyl alcohol	4.948	59	42037	228.997	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	80038	50.367	ug/l	86
13) Acrolein	3.729	56	40888	193.815	ug/l	98
14) Allyl chloride	4.479	41	112161	45.954	ug/l #	86
15) Acrylonitrile	5.161	53	113752	267.033	ug/l	98
16) Acetone	3.942	43	97693	191.543	ug/l	96
17) Carbon Disulfide	4.192	76	226965	45.495	ug/l	98
18) Methyl Acetate	4.472	43	49285	51.592	ug/l #	86
19) Methyl tert-butyl Ether	5.222	73	253434	56.608	ug/l	94
20) Methylene Chloride	4.716	84	88835	53.922	ug/l	85
21) trans-1,2-Dichloroethene	5.222	96	89706	51.028	ug/l	88
22) Diisopropyl ether	6.119	45	254174	49.700	ug/l #	95
23) Vinyl Acetate	6.058	43	861471	258.288	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	156389	50.633	ug/l	99
25) 2-Butanone	6.984	43	145838	236.667	ug/l #	83
26) 2,2-Dichloropropane	6.984	77	151721	51.336	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	104681	53.910	ug/l	88
28) Bromochloromethane	7.338	49	51538	42.674	ug/l #	76
29) Tetrahydrofuran	7.350	42	94018	264.034	ug/l #	82
30) Chloroform	7.508	83	176507	54.935	ug/l	100
31) Cyclohexane	7.783	56	140112	45.724	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	164781	55.180	ug/l	95
36) 1,1-Dichloropropene	7.917	75	129425	50.822	ug/l	98
37) Ethyl Acetate	7.070	43	67259	53.124	ug/l #	95
38) Carbon Tetrachloride	7.899	117	151980	56.804	ug/l	99
39) Methylcyclohexane	9.185	83	165447	51.732	ug/l	88
40) Benzene	8.161	78	357931	53.025	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	34135m	54.256	ug/l	
42) 1,2-Dichloroethane	8.240	62	117433	57.229	ug/l	94
43) Isopropyl Acetate	8.271	43	133464	56.368	ug/l #	92
44) Trichloroethene	8.941	130	102458	56.136	ug/l	93
45) 1,2-Dichloropropane	9.216	63	87018	52.279	ug/l	92
46) Dibromomethane	9.307	93	54978	55.517	ug/l	95
47) Bromodichloromethane	9.496	83	136505	57.003	ug/l	96
48) Methyl methacrylate	9.295	41	56308	52.586	ug/l #	81
49) 1,4-Dioxane	9.295	88	13784	1270.701	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	335271	279.199	ug/l	91
52) Toluene	10.246	92	234463	55.127	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	142039	56.777	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	154598	55.172	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	74279	57.111	ug/l	99
56) Ethyl methacrylate	10.508	69	105753	58.541	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	128377	55.671	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	227986	242.617	ug/l	92
59) 2-Hexanone	10.831	43	233042	266.194	ug/l	90
60) Dibromochloromethane	10.983	129	96844	59.810	ug/l	100
61) 1,2-Dibromoethane	11.087	107	74481	57.883	ug/l	100
64) Tetrachloroethene	10.721	164	91742	58.475	ug/l	96
65) Chlorobenzene	11.514	112	252686	56.818	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	96914	58.375	ug/l	99
67) Ethyl Benzene	11.593	91	474047	56.172	ug/l	99
68) m/p-Xylenes	11.703	106	355655	113.785	ug/l	99
69) o-Xylene	12.026	106	170595	57.727	ug/l	98
70) Styrene	12.044	104	286164	58.741	ug/l	99
71) Bromoform	12.209	173	57984	63.302	ug/l #	99
73) Isopropylbenzene	12.331	105	457405	53.722	ug/l	99
74) N-amyl acetate	12.142	43	117871	55.928	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	84139	54.113	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	63364m	57.212	ug/l	
77) Bromobenzene	12.605	156	102283	57.030	ug/l	98
78) n-propylbenzene	12.672	91	552163	53.541	ug/l	100
79) 2-Chlorotoluene	12.758	91	306680	53.710	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	387792	55.831	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	30682	55.501	ug/l	88
82) 4-Chlorotoluene	12.855	91	318887	54.376	ug/l	99
83) tert-Butylbenzene	13.075	119	334962	55.396	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	382029	55.861	ug/l	98
85) sec-Butylbenzene	13.251	105	489767	54.001	ug/l	100
86) p-Isopropyltoluene	13.367	119	411987	55.762	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	196523	56.515	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	195244	56.326	ug/l	98
89) n-Butylbenzene	13.696	91	383638	53.949	ug/l	100
90) Hexachloroethane	13.959	117	78492	56.216	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	174647	57.059	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14868	58.841	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	109210	60.250	ug/l	98
94) Hexachlorobutadiene	15.111	225	60348	60.142	ug/l	98
95) Naphthalene	15.233	128	246849	65.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	94296	61.629	ug/l	98

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

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