

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007474.D
 Acq On : 11 Feb 2022 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 12 02:51:08 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	7.795	168	148507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	244881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	217168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	80087	46.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.760%
35) Dibromofluoromethane	7.722	113	73828	46.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.900%
50) Toluene-d8	10.185	98	273895	47.146	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.483	95	93441	47.322	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	91984	52.903	ug/l	99
3) Chloromethane	2.119	50	95296	50.063	ug/l	97
4) Vinyl Chloride	2.259	62	104860	51.143	ug/l	98
5) Bromomethane	2.656	94	66897	53.866	ug/l	99
6) Chloroethane	2.802	64	66145	52.530	ug/l	95
7) Trichlorofluoromethane	3.137	101	186906	56.254	ug/l	93
8) Diethyl Ether	3.533	74	54866	55.632	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.911	101	104041	55.600	ug/l	93
10) Methyl Iodide	4.100	142	126749	62.833	ug/l	95
11) Tert butyl alcohol	4.960	59	44690	222.463	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	96132	55.616	ug/l	82
13) Acrolein	3.741	56	49819	217.102	ug/l	98
14) Allyl chloride	4.491	41	143389	54.010	ug/l #	94
15) Acrylonitrile	5.173	53	130325	281.263	ug/l	99
16) Acetone	3.948	43	161199	290.565	ug/l	97
17) Carbon Disulfide	4.204	76	276861	51.021	ug/l	100
18) Methyl Acetate	4.478	43	57416	55.256	ug/l #	87
19) Methyl tert-butyl Ether	5.228	73	281097	57.723	ug/l	93
20) Methylene Chloride	4.728	84	99446	55.564	ug/l	86
21) trans-1,2-Dichloroethene	5.228	96	105193	55.011	ug/l	89
22) Diisopropyl ether	6.124	45	298516	53.663	ug/l #	97
23) Vinyl Acetate	6.063	43	1002619	276.362	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	182252	54.247	ug/l	99
25) 2-Butanone	6.990	43	191404	285.559	ug/l #	88
26) 2,2-Dichloropropane	6.990	77	182130	56.655	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	117590	55.673	ug/l	90
28) Bromochloromethane	7.338	49	61484	46.804	ug/l #	82
29) Tetrahydrofuran	7.350	42	108589	280.358	ug/l #	85
30) Chloroform	7.514	83	193983	55.504	ug/l	99
31) Cyclohexane	7.789	56	168931	50.682	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	185509	57.111	ug/l	96
36) 1,1-Dichloropropene	7.923	75	150678	54.811	ug/l	98
37) Ethyl Acetate	7.082	43	76015	55.619	ug/l #	95
38) Carbon Tetrachloride	7.905	117	169552	58.706	ug/l	99
39) Methylcyclohexane	9.185	83	191627	55.506	ug/l	89
40) Benzene	8.167	78	415488	57.019	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	34349m	50.576	ug/l	
42) 1,2-Dichloroethane	8.240	62	127812	57.700	ug/l	95
43) Isopropyl Acetate	8.276	43	151941	59.447	ug/l #	91
44) Trichloroethene	8.947	130	113787	57.753	ug/l	98
45) 1,2-Dichloropropane	9.221	63	100292	55.817	ug/l	97
46) Dibromomethane	9.307	93	61869	57.875	ug/l	93
47) Bromodichloromethane	9.502	83	152138	58.853	ug/l	98
48) Methyl methacrylate	9.295	41	69366	60.011	ug/l #	89
49) 1,4-Dioxane	9.301	88	14239	1215.994	ug/l #	87
51) 4-Methyl-2-Pentanone	10.075	43	385789	297.612	ug/l	91
52) Toluene	10.246	92	261583	56.975	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	158472	58.681	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	176406	58.319	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	83657	59.586	ug/l	98
56) Ethyl methacrylate	10.514	69	118611	60.824	ug/l #	82
57) 1,3-Dichloropropane	10.794	76	142287	57.160	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	262663	258.938	ug/l	94
59) 2-Hexanone	10.837	43	286760	303.436	ug/l	90
60) Dibromochloromethane	10.989	129	103937	59.465	ug/l	99
61) 1,2-Dibromoethane	11.093	107	82681	59.524	ug/l	98
64) Tetrachloroethene	10.721	164	99043	58.114	ug/l	92
65) Chlorobenzene	11.520	112	278159	57.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	105873	58.706	ug/l	98
67) Ethyl Benzene	11.599	91	523953	57.154	ug/l	99
68) m/p-Xylenes	11.709	106	396501	116.776	ug/l	98
69) o-Xylene	12.032	106	186922	58.227	ug/l	99
70) Styrene	12.050	104	315078	59.539	ug/l	99
71) Bromoform	12.215	173	61004	61.309	ug/l #	99
73) Isopropylbenzene	12.331	105	506095	56.600	ug/l	99
74) N-amyl acetate	12.148	43	132417	59.829	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	91662	56.135	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	67972m	58.440	ug/l	
77) Bromobenzene	12.611	156	108264	57.481	ug/l	100
78) n-propylbenzene	12.672	91	610849	56.402	ug/l	99
79) 2-Chlorotoluene	12.763	91	338064	56.378	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	420438	57.639	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	34824	59.984	ug/l	90
82) 4-Chlorotoluene	12.861	91	346503	56.262	ug/l	99
83) tert-Butylbenzene	13.080	119	366109	57.654	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	409748	57.052	ug/l	99
85) sec-Butylbenzene	13.257	105	542573	56.965	ug/l	98
86) p-Isopropyltoluene	13.373	119	445632	57.435	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	209430	57.350	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	207571	57.021	ug/l	97
89) n-Butylbenzene	13.702	91	430448	57.640	ug/l	99
90) Hexachloroethane	13.964	117	85763	58.489	ug/l	80
91) 1,2-Dichlorobenzene	13.745	146	181598	56.496	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15674	59.068	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	111708	58.684	ug/l	98
94) Hexachlorobutadiene	15.117	225	61163	58.042	ug/l	98
95) Naphthalene	15.239	128	255996	64.714	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	96952	60.338	ug/l	97

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

