

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002862.D
 Acq On : 09 Jun 2020 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 10 05:30:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	304064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	446822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	409576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	218186	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	124848	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
35) Dibromofluoromethane	7.72	113	129717	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	10.18	98	499283	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.48	95	175385	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	93335	44.611	ug/l	96
3) Chloromethane	2.12	50	104274	45.059	ug/l	99
4) Vinyl Chloride	2.26	62	119345	48.791	ug/l	97
5) Bromomethane	2.65	94	82767	45.153	ug/l	96
6) Chloroethane	2.80	64	73146	46.130	ug/l	99
7) Trichlorofluoromethane	3.13	101	203658	47.011	ug/l	98
8) Diethyl Ether	3.54	74	73892	43.683	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	125514	48.797	ug/l	98
10) Methyl Iodide	4.10	142	170773	47.449	ug/l	100
11) Tert butyl alcohol	4.97	59	66226	232.495	ug/l	99
12) 1,1-Dichloroethene	3.88	96	120819	46.707	ug/l	96
13) Acrolein	3.74	56	69901	225.930	ug/l	97
14) Allyl chloride	4.49	41	179543	48.395	ug/l	100
15) Acrylonitrile	5.17	53	183152	240.003	ug/l	99
16) Acetone	3.96	43	178717	288.684	ug/l	99
17) Carbon Disulfide	4.20	76	338436	43.297	ug/l	99
18) Methyl Acetate	4.49	43	76300	49.100	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	343665	48.125	ug/l	100
20) Methylene Chloride	4.72	84	140866	46.561	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	136401	46.889	ug/l	98
22) Diisopropyl ether	6.13	45	375033	48.646	ug/l	97
23) Vinyl Acetate	6.07	43	1258345	247.220	ug/l	98
24) 1,1-Dichloroethane	6.03	63	218693	48.492	ug/l	98
25) 2-Butanone	6.99	43	240167	249.002	ug/l	98
26) 2,2-Dichloropropane	6.99	77	207949	48.078	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	155217	47.663	ug/l	99
28) Bromochloromethane	7.34	49	91105	49.210	ug/l	99
29) Tetrahydrofuran	7.35	42	147160	234.562	ug/l	99
30) Chloroform	7.52	83	235094	49.125	ug/l	99
31) Cyclohexane	7.79	56	198311	44.289	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	213995	47.986	ug/l	99
36) 1,1-Dichloropropene	7.92	75	180055	47.837	ug/l	100
37) Ethyl Acetate	7.08	43	99062	48.373	ug/l	99
38) Carbon Tetrachloride	7.91	117	201940	48.296	ug/l	98

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39) Methylcyclohexane	9.19	83	231168	46.595	ug/l	99
40) Benzene	8.16	78	536105	48.204	ug/l	98
41) Methacrylonitrile	7.33	41	53209m	48.365	ug/l	
42) 1,2-Dichloroethane	8.24	62	150340	48.234	ug/l	99
43) Isopropyl Acetate	8.28	43	186512	48.061	ug/l	100
44) Trichloroethene	8.94	130	167877	47.787	ug/l	100
45) 1,2-Dichloropropane	9.22	63	129830	48.679	ug/l	100
46) Dibromomethane	9.31	93	76815	48.496	ug/l	98
47) Bromodichloromethane	9.50	83	184869	49.508	ug/l	98
48) Methyl methacrylate	9.30	41	85477	48.792	ug/l	99
49) 1,4-Dioxane	9.30	88	21740	893.879	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	503554	245.047	ug/l	99
52) Toluene	10.25	92	351201	48.272	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	201125	49.313	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	224600	48.599	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	117204	48.332	ug/l	95
56) Ethyl methacrylate	10.51	69	159586	49.133	ug/l	99
57) 1,3-Dichloropropane	10.79	76	194225	48.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	393712	248.074	ug/l	99
59) 2-Hexanone	10.83	43	361261	247.775	ug/l	100
60) Dibromochloromethane	10.99	129	151657	49.329	ug/l	99
61) 1,2-Dibromoethane	11.09	107	116231	48.589	ug/l	99
64) Tetrachloroethene	10.72	164	172611	46.370	ug/l	98
65) Chlorobenzene	11.52	112	397006	49.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	154039	50.523	ug/l	99
67) Ethyl Benzene	11.60	91	683800	48.724	ug/l	98
68) m/p-Xylenes	11.70	106	533983	98.135	ug/l	100
69) o-Xylene	12.03	106	253909	49.430	ug/l	100
70) Styrene	12.05	104	439761	49.385	ug/l	99
71) Bromoform	12.21	173	103350	50.660	ug/l	# 100
73) Isopropylbenzene	12.33	105	696347	49.802	ug/l	100
74) N-amyl acetate	12.14	43	175771	48.994	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	127650	52.033	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	101681m	51.720	ug/l	
77) Bromobenzene	12.61	156	179021	49.171	ug/l	99
78) n-propylbenzene	12.67	91	809259	50.105	ug/l	100
79) 2-Chlorotoluene	12.76	91	446995	49.337	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	579810	49.664	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	51801	49.640	ug/l	98
82) 4-Chlorotoluene	12.86	91	472475	49.775	ug/l	100
83) tert-Butylbenzene	13.08	119	516801	49.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	582279	49.603	ug/l	100
85) sec-Butylbenzene	13.25	105	711621	49.977	ug/l	100
86) p-Isopropyltoluene	13.37	119	664968	50.189	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	338856	49.135	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	341577	49.513	ug/l	100
89) n-Butylbenzene	13.70	91	599488	49.837	ug/l	100
90) Hexachloroethane	13.96	117	123865	49.938	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	307622	49.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23238	49.234	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.01	180	226858	48.122	ug/l	100
94) Hexachlorobutadiene	15.11	225	132454	49.538	ug/l	99
95) Naphthalene	15.23	128	450005	47.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	202653	48.139	ug/l	99

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

