

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002870.D
 Acq On : 09 Jun 2020 16:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 10 05:54:51 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	314287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	462320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	424942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	229949	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	135117	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	7.72	113	140968	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
50) Toluene-d8	10.18	98	535262	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.49	95	191346	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	92114	42.595	ug/l	93
3) Chloromethane	2.12	50	101859	42.583	ug/l	99
4) Vinyl Chloride	2.26	62	115951	45.862	ug/l	98
5) Bromomethane	2.66	94	87157	46.001	ug/l	100
6) Chloroethane	2.80	64	79563	48.545	ug/l	98
7) Trichlorofluoromethane	3.13	101	220525	49.249	ug/l	98
8) Diethyl Ether	3.54	74	81758	46.761	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	139004	52.284	ug/l	99
10) Methyl Iodide	4.10	142	183582	49.348	ug/l	99
11) Tert butyl alcohol	4.97	59	71383	243.024	ug/l	99
12) 1,1-Dichloroethene	3.88	96	132629	49.605	ug/l	95
13) Acrolein	3.74	56	71099	222.327	ug/l	98
14) Allyl chloride	4.49	41	198278	51.707	ug/l	99
15) Acrylonitrile	5.18	53	204126	258.786	ug/l	99
16) Acetone	3.96	43	186263	291.086	ug/l	99
17) Carbon Disulfide	4.20	76	365102	45.189	ug/l	99
18) Methyl Acetate	4.49	43	85804	53.507	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	381081	51.629	ug/l	97
20) Methylene Chloride	4.73	84	160896	51.452	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	148189	49.284	ug/l	99
22) Diisopropyl ether	6.12	45	416358	52.249	ug/l	93
23) Vinyl Acetate	6.07	43	1404421	266.943	ug/l	99
24) 1,1-Dichloroethane	6.02	63	241939	51.902	ug/l	99
25) 2-Butanone	6.99	43	263516	264.323	ug/l	99
26) 2,2-Dichloropropane	6.99	77	223161	49.917	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	169481	50.350	ug/l	100
28) Bromochloromethane	7.34	49	101687	53.139	ug/l	98
29) Tetrahydrofuran	7.35	42	167852	258.841	ug/l	99
30) Chloroform	7.51	83	257014	51.959	ug/l	95
31) Cyclohexane	7.79	56	215769	46.620	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	231186	50.155	ug/l	99
36) 1,1-Dichloropropene	7.92	75	193134	49.592	ug/l	99
37) Ethyl Acetate	7.08	43	111710	52.721	ug/l	99
38) Carbon Tetrachloride	7.90	117	214687	49.623	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	251826	49.058	ug/l	98
40) Benzene	8.16	78	573713	49.856	ug/l	98
41) Methacrylonitrile	7.32	41	60096m	52.794	ug/l	
42) 1,2-Dichloroethane	8.24	62	161668	50.130	ug/l	100
43) Isopropyl Acetate	8.28	43	209090	52.073	ug/l	100
44) Trichloroethene	8.94	130	179196	49.300	ug/l	97
45) 1,2-Dichloropropane	9.22	63	143096	51.854	ug/l	98
46) Dibromomethane	9.31	93	85564	52.208	ug/l	97
47) Bromodichloromethane	9.50	83	203237	52.603	ug/l	99
48) Methyl methacrylate	9.30	41	94393	52.075	ug/l	99
49) 1,4-Dioxane	9.30	88	24940	991.077	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	567768	267.034	ug/l	100
52) Toluene	10.24	92	378679	50.304	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	219586	52.034	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	246832	51.619	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	129011	51.418	ug/l	97
56) Ethyl methacrylate	10.51	69	177210	52.730	ug/l	99
57) 1,3-Dichloropropane	10.79	76	213693	51.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	437338	266.325	ug/l	100
59) 2-Hexanone	10.83	43	402447	266.770	ug/l	100
60) Dibromochloromethane	10.99	129	166563	52.361	ug/l	100
61) 1,2-Dibromoethane	11.09	107	128208	51.800	ug/l	99
64) Tetrachloroethene	10.72	164	188772	48.878	ug/l	98
65) Chlorobenzene	11.52	112	427538	50.904	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	164527	52.012	ug/l	99
67) Ethyl Benzene	11.59	91	745659	51.210	ug/l	100
68) m/p-Xylenes	11.70	106	574176	101.706	ug/l	100
69) o-Xylene	12.03	106	273481	51.315	ug/l	99
70) Styrene	12.05	104	481641	52.132	ug/l	100
71) Bromoform	12.21	173	111854	52.846	ug/l #	98
73) Isopropylbenzene	12.33	105	748167	50.771	ug/l	100
74) N-amyl acetate	12.14	43	199415	52.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	140215	54.231	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	115839m	55.907	ug/l	
77) Bromobenzene	12.61	156	192912	50.276	ug/l	99
78) n-propylbenzene	12.67	91	869108	51.058	ug/l	100
79) 2-Chlorotoluene	12.76	91	484216	50.712	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	625829	50.864	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58178	52.899	ug/l	98
82) 4-Chlorotoluene	12.86	91	511603	51.140	ug/l	99
83) tert-Butylbenzene	13.08	119	558549	50.892	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	631175	51.018	ug/l	100
85) sec-Butylbenzene	13.25	105	762906	50.838	ug/l	100
86) p-Isopropyltoluene	13.37	119	721509	51.671	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	367445	50.555	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	370118	50.906	ug/l	99
89) n-Butylbenzene	13.70	91	651392	51.382	ug/l	100
90) Hexachloroethane	13.96	117	138450	52.962	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	335900	50.959	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25545	51.353	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	253327	50.988	ug/l	99
94) Hexachlorobutadiene	15.11	225	146422	51.960	ug/l	98
95) Naphthalene	15.24	128	512658	51.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	225937	50.925	ug/l	100

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

