

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052220\
 Data File : VY002747.D
 Acq On : 22 May 2020 09:55
 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: May 22 16:30:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	349249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	510719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	471842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245686	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	137026	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
35) Dibromofluoromethane	7.72	113	143010	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.18	98	579997	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.48	95	196335	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	119562	47.775	ug/l	99
3) Chloromethane	2.12	50	138703	48.394	ug/l	99
4) Vinyl Chloride	2.26	62	152903	51.197	ug/l	100
5) Bromomethane	2.65	94	105981	47.878	ug/l	97
6) Chloroethane	2.80	64	92381	48.371	ug/l	96
7) Trichlorofluoromethane	3.13	101	241675	48.017	ug/l	99
8) Diethyl Ether	3.54	74	84526	49.368	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	148741	48.752	ug/l	99
10) Methyl Iodide	4.10	142	205089	48.836	ug/l	100
11) Tert butyl alcohol	4.96	59	67124	241.942	ug/l	98
12) 1,1-Dichloroethene	3.88	96	149018	48.644	ug/l	98
13) Acrolein	3.74	56	75558	232.197	ug/l	97
14) Allyl chloride	4.49	41	214195	48.703	ug/l	99
15) Acrylonitrile	5.18	53	201406	259.790	ug/l	100
16) Acetone	3.96	43	153999	273.455	ug/l	99
17) Carbon Disulfide	4.20	76	455402	47.393	ug/l	100
18) Methyl Acetate	4.49	43	79990	49.816	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	388130	51.079	ug/l	98
20) Methylene Chloride	4.72	84	159007	46.709	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	164658	48.338	ug/l	98
22) Diisopropyl ether	6.13	45	434726	49.822	ug/l	98
23) Vinyl Acetate	6.07	43	1429072	255.778	ug/l	99
24) 1,1-Dichloroethane	6.03	63	256278	49.153	ug/l	99
25) 2-Butanone	6.99	43	242414	260.164	ug/l	98
26) 2,2-Dichloropropane	6.99	77	236511	48.752	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	182357	49.544	ug/l	99
28) Bromochloromethane	7.34	49	101521	49.220	ug/l	98
29) Tetrahydrofuran	7.35	42	165917	261.710	ug/l	100
30) Chloroform	7.52	83	268100	49.544	ug/l	97
31) Cyclohexane	7.79	56	249584	47.197	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	248972	49.793	ug/l	100
36) 1,1-Dichloropropene	7.93	75	216536	50.084	ug/l	100
37) Ethyl Acetate	7.08	43	108695	51.115	ug/l	99
38) Carbon Tetrachloride	7.91	117	234713	50.512	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	288735	49.667	ug/l	98
40) Benzene	8.17	78	634576	50.303	ug/l	98
41) Methacrylonitrile	7.32	41	57555m	45.050	ug/l	
42) 1,2-Dichloroethane	8.24	62	168647	50.688	ug/l	99
43) Isopropyl Acetate	8.28	43	210925	53.372	ug/l	100
44) Trichloroethene	8.94	130	201928	50.217	ug/l	97
45) 1,2-Dichloropropane	9.22	63	150031	50.111	ug/l	96
46) Dibromomethane	9.31	93	85616	50.898	ug/l	99
47) Bromodichloromethane	9.50	83	208987	50.907	ug/l	100
48) Methyl methacrylate	9.30	41	96546	53.059	ug/l	99
49) 1,4-Dioxane	9.30	88	24199	1056.276	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	552309	270.688	ug/l	100
52) Toluene	10.24	92	411906	50.455	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	228920	52.244	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	260275	51.238	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	130581	52.143	ug/l	98
56) Ethyl methacrylate	10.51	69	180764	54.220	ug/l	99
57) 1,3-Dichloropropane	10.79	76	216951	51.697	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	413441	251.200	ug/l	100
59) 2-Hexanone	10.83	43	390334	274.586	ug/l	99
60) Dibromochloromethane	10.99	129	168905	52.794	ug/l	100
61) 1,2-Dibromoethane	11.09	107	127966	51.865	ug/l	99
64) Tetrachloroethene	10.72	164	224536	50.125	ug/l	100
65) Chlorobenzene	11.52	112	458834	50.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	172400	50.947	ug/l	100
67) Ethyl Benzene	11.60	91	807941	50.468	ug/l	100
68) m/p-Xylenes	11.70	106	628549	100.918	ug/l	99
69) o-Xylene	12.03	106	296111	50.654	ug/l	98
70) Styrene	12.05	104	509064	50.720	ug/l	100
71) Bromoform	12.21	173	111122	53.124	ug/l #	100
73) Isopropylbenzene	12.33	105	807781	50.318	ug/l	100
74) N-amyl acetate	12.14	43	197872	52.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125112	52.924	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	113674m	56.324	ug/l	
77) Bromobenzene	12.61	156	202514	50.458	ug/l	100
78) n-propylbenzene	12.67	91	940629	50.368	ug/l	99
79) 2-Chlorotoluene	12.76	91	517211	49.933	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	673048	49.896	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58036	54.383	ug/l #	53
82) 4-Chlorotoluene	12.86	91	544839	50.216	ug/l	99
83) tert-Butylbenzene	13.08	119	591484	49.546	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	677292	50.241	ug/l	100
85) sec-Butylbenzene	13.25	105	824060	50.024	ug/l	100
86) p-Isopropyltoluene	13.37	119	773392	50.156	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	384477	49.684	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	382865	49.696	ug/l	99
89) n-Butylbenzene	13.70	91	697408	49.251	ug/l	100
90) Hexachloroethane	13.96	117	141867	49.673	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	341687	49.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24136	53.240	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.01	180	250028	49.999	ug/l	100
94) Hexachlorobutadiene	15.11	225	148338	49.664	ug/l	100
95) Naphthalene	15.23	128	457217	47.836	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	212398	49.878	ug/l	99

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

