

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051920\
 Data File : VY002712.D
 Acq On : 19 May 2020 10:02
 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 20 08:16:03 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	385046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	560978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	512149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	263375	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	154650	51.35	ug/l	0.00
Spiked Amount						
			Recovery	=	102.70%	
35) Dibromofluoromethane	7.72	113	165641	53.50	ug/l	0.00
Spiked Amount						
			Recovery	=	107.00%	
50) Toluene-d8	10.18	98	660735	53.01	ug/l	0.00
Spiked Amount						
			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.48	95	222774	52.00	ug/l	0.00
Spiked Amount						
			Recovery	=	104.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	134326	48.684	ug/l	98
3) Chloromethane	2.12	50	154204	48.800	ug/l	99
4) Vinyl Chloride	2.26	62	168481	51.168	ug/l	99
5) Bromomethane	2.65	94	116174	47.604	ug/l	99
6) Chloroethane	2.80	64	102349	48.608	ug/l	99
7) Trichlorofluoromethane	3.13	101	266040	47.944	ug/l	100
8) Diethyl Ether	3.54	74	91295	48.364	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	164109	48.788	ug/l	99
10) Methyl Iodide	4.10	142	228098	49.266	ug/l	100
11) Tert butyl alcohol	4.96	59	67974	222.228	ug/l	98
12) 1,1-Dichloroethene	3.88	96	164896	48.823	ug/l	98
13) Acrolein	3.74	56	105162	293.128	ug/l	98
14) Allyl chloride	4.49	41	238513	49.191	ug/l	98
15) Acrylonitrile	5.18	53	206689	241.819	ug/l	99
16) Acetone	3.96	43	157256	253.278	ug/l	98
17) Carbon Disulfide	4.20	76	509700	48.112	ug/l	100
18) Methyl Acetate	4.49	43	83650	47.252	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	404638	48.301	ug/l	99
20) Methylene Chloride	4.72	84	170376	45.396	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	178709	47.585	ug/l	99
22) Diisopropyl ether	6.13	45	466948	48.540	ug/l	98
23) Vinyl Acetate	6.07	43	1504460	244.238	ug/l	99
24) 1,1-Dichloroethane	6.03	63	279800	48.675	ug/l	100
25) 2-Butanone	6.99	43	244251	237.765	ug/l	99
26) 2,2-Dichloropropane	6.99	77	257188	48.086	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	196265	48.365	ug/l	100
28) Bromochloromethane	7.34	49	109137	47.993	ug/l	99
29) Tetrahydrofuran	7.35	42	169592	242.638	ug/l	100
30) Chloroform	7.52	83	286572	48.034	ug/l	99
31) Cyclohexane	7.79	56	275614	47.273	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	268642	48.732	ug/l	99
36) 1,1-Dichloropropene	7.92	75	233793	49.230	ug/l	100
37) Ethyl Acetate	7.08	43	109440	46.854	ug/l	99
38) Carbon Tetrachloride	7.91	117	252338	49.439	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	312565	48.949	ug/l	98
40) Benzene	8.17	78	680162	49.086	ug/l	99
41) Methacrylonitrile	7.33	41	57482m	40.962	ug/l	
42) 1,2-Dichloroethane	8.24	62	174834	47.839	ug/l	99
43) Isopropyl Acetate	8.28	43	213927	49.282	ug/l	100
44) Trichloroethene	8.94	130	216417	48.998	ug/l	100
45) 1,2-Dichloropropane	9.22	63	161290	49.045	ug/l	99
46) Dibromomethane	9.31	93	90887	49.191	ug/l	99
47) Bromodichloromethane	9.50	83	222644	49.374	ug/l	97
48) Methyl methacrylate	9.30	41	101495	50.781	ug/l	94
49) 1,4-Dioxane	9.30	88	23824	946.740	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	556835	248.456	ug/l	100
52) Toluene	10.25	92	440578	49.132	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	239202	49.700	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	276929	49.632	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	135361	49.209	ug/l	97
56) Ethyl methacrylate	10.51	69	184221	50.306	ug/l	99
57) 1,3-Dichloropropane	10.79	76	225975	49.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	458384	253.555	ug/l	100
59) 2-Hexanone	10.83	43	390931	250.368	ug/l	99
60) Dibromochloromethane	10.99	129	173791	49.455	ug/l	100
61) 1,2-Dibromoethane	11.09	107	134756	49.723	ug/l	98
64) Tetrachloroethene	10.72	164	239872	49.334	ug/l	99
65) Chlorobenzene	11.52	112	484815	48.988	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	180798	49.224	ug/l	99
67) Ethyl Benzene	11.59	91	856725	49.303	ug/l	99
68) m/p-Xylenes	11.70	106	661951	97.916	ug/l	100
69) o-Xylene	12.03	106	312067	49.182	ug/l	99
70) Styrene	12.05	104	535585	49.163	ug/l	99
71) Bromoform	12.21	173	112698	49.637	ug/l #	100
73) Isopropylbenzene	12.33	105	853801	49.612	ug/l	100
74) N-amyl acetate	12.14	43	204146	50.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125993	49.717	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	111542m	51.555	ug/l	
77) Bromobenzene	12.61	156	212873	49.476	ug/l	99
78) n-propylbenzene	12.67	91	995299	49.716	ug/l	100
79) 2-Chlorotoluene	12.76	91	542050	48.817	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	712109	49.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	58277	50.942	ug/l #	52
82) 4-Chlorotoluene	12.86	91	570131	49.018	ug/l	100
83) tert-Butylbenzene	13.08	119	630928	49.301	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	710173	49.142	ug/l	100
85) sec-Butylbenzene	13.25	105	871974	49.377	ug/l	100
86) p-Isopropyltoluene	13.37	119	814204	49.257	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	402739	48.549	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	396197	47.972	ug/l	99
89) n-Butylbenzene	13.70	91	748223	49.291	ug/l	99
90) Hexachloroethane	13.96	117	150287	49.087	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	357052	47.992	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23443	48.239	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	261597	48.717	ug/l	99
94) Hexachlorobutadiene	15.11	225	159707	49.896	ug/l	100
95) Naphthalene	15.24	128	464739	45.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	219228	47.889	ug/l	100

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

