

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001344.D
 Acq On : 23 Jan 2020 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:03:20 PM

Quant Time: Jan 24 07:20:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	221077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	378383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	333766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	158247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	109601	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	7.75	113	101296	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	10.20	98	422122	48.92	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.50	95	156395	45.52	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	84041	48.205	ug/l	99
3) Chloromethane	2.13	50	119787	45.460	ug/l	97
4) Vinyl Chloride	2.27	62	129676	47.198	ug/l	96
5) Bromomethane	2.67	94	82940	44.823	ug/l	96
6) Chloroethane	2.82	64	81170	46.234	ug/l	97
7) Trichlorofluoromethane	3.15	101	169770	48.294	ug/l	96
8) Diethyl Ether	3.56	74	65097	43.867	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	109726	49.013	ug/l	100
10) Methyl Iodide	4.13	142	138752	46.992	ug/l	100
11) Tert butyl alcohol	4.99	59	65192	212.663	ug/l	98
12) 1,1-Dichloroethene	3.91	96	110206	46.951	ug/l	95
13) Acrolein	3.76	56	62311	354.632	ug/l	100
14) Allyl chloride	4.52	41	195531	46.711	ug/l	99
15) Acrylonitrile	5.21	53	169223	222.777	ug/l	99
16) Acetone	3.98	43	178727	283.033	ug/l	97
17) Carbon Disulfide	4.23	76	340642	46.143	ug/l	98
18) Methyl Acetate	4.51	43	85166	41.981	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	306700	44.625	ug/l	99
20) Methylene Chloride	4.76	84	124994	41.343	ug/l	97
21) trans-1,2-Dichloroethene	5.26	96	126027	46.222	ug/l	99
22) Diisopropyl ether	6.16	45	402480	45.280	ug/l	98
23) Vinyl Acetate	6.10	43	1309726	226.963	ug/l	100
24) 1,1-Dichloroethane	6.06	63	216824	46.278	ug/l	98
25) 2-Butanone	7.03	43	249135	237.937	ug/l	98
26) 2,2-Dichloropropane	7.02	77	192261	46.068	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	139679	45.838	ug/l	98
28) Bromochloromethane	7.37	49	96728	50.062	ug/l	99
29) Tetrahydrofuran	7.38	42	150903	221.524	ug/l	98
30) Chloroform	7.54	83	208325	45.363	ug/l	99
31) Cyclohexane	7.82	56	216030	46.440	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	182554	47.079	ug/l	99
36) 1,1-Dichloropropene	7.95	75	173211	48.454	ug/l	99
37) Ethyl Acetate	7.11	43	100702	46.107	ug/l	99
38) Carbon Tetrachloride	7.93	117	158326	49.696	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	230141	50.255	ug/l	99
40) Benzene	8.19	78	511532	47.723	ug/l	99
41) Methacrylonitrile	7.36	41	56223m	49.884	ug/l	
42) 1,2-Dichloroethane	8.27	62	140120	46.785	ug/l	100
43) Isopropyl Acetate	8.30	43	198022	46.627	ug/l	99
44) Trichloroethene	8.97	130	130409	47.412	ug/l	95
45) 1,2-Dichloropropane	9.24	63	129089	47.641	ug/l	99
46) Dibromomethane	9.33	93	67617	46.483	ug/l	99
47) Bromodichloromethane	9.52	83	165083	47.473	ug/l	97
48) Methyl methacrylate	9.31	41	89081	46.140	ug/l	98
49) 1,4-Dioxane	9.32	88	18997	926.064	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	507825	232.191	ug/l	100
52) Toluene	10.26	92	323104	47.553	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	184085	47.760	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	212333	47.996	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	98942	46.082	ug/l	98
56) Ethyl methacrylate	10.53	69	152749	47.070	ug/l	98
57) 1,3-Dichloropropane	10.81	76	174798	46.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	252246	224.632	ug/l	100
59) 2-Hexanone	10.85	43	380101	249.640	ug/l	100
60) Dibromochloromethane	11.00	129	114832	47.819	ug/l	100
61) 1,2-Dibromoethane	11.11	107	94990	46.799	ug/l	99
64) Tetrachloroethene	10.74	164	103029	48.325	ug/l	99
65) Chlorobenzene	11.53	112	337185	47.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	115470	48.094	ug/l	99
67) Ethyl Benzene	11.61	91	626899	48.352	ug/l	99
68) m/p-Xylenes	11.72	106	471787	97.429	ug/l	100
69) o-Xylene	12.05	106	225381	48.382	ug/l	100
70) Styrene	12.06	104	397748	48.664	ug/l	99
71) Bromoform	12.22	173	68287	47.646	ug/l	# 100
73) Isopropylbenzene	12.34	105	615833	49.318	ug/l	100
74) N-amyl acetate	12.16	43	196192	47.999	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	127496	47.675	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	78266m	41.044	ug/l	
77) Bromobenzene	12.62	156	131299	47.473	ug/l	98
78) n-propylbenzene	12.69	91	745944	49.631	ug/l	100
79) 2-Chlorotoluene	12.77	91	417926	48.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	509376	48.869	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	48880	48.508	ug/l	98
82) 4-Chlorotoluene	12.87	91	443348	48.339	ug/l	100
83) tert-Butylbenzene	13.09	119	439378	50.009	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	512268	48.952	ug/l	100
85) sec-Butylbenzene	13.27	105	633317	50.734	ug/l	100
86) p-Isopropyltoluene	13.38	119	550503	50.043	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	257445	48.332	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	259082	47.904	ug/l	99
89) n-Butylbenzene	13.71	91	563513	50.899	ug/l	99
90) Hexachloroethane	13.97	117	104668	50.196	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	235996	48.041	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	21295	46.146	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	152650	46.300	ug/l	99
94) Hexachlorobutadiene	15.12	225	77871	48.507	ug/l	99
95) Naphthalene	15.25	128	352354	46.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	133893	46.295	ug/l	99

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

