

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003206.D
 Acq On : 16 Jul 2020 13:39
 Operator : SY/MD
 Sample : VY0716SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:43:09 PM

Quant Time: Jul 17 05:46:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	438653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	638757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	572343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	303241	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	177215	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	7.72	113	173674	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
50) Toluene-d8	10.18	98	650301	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	12.48	95	229919	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	69669	22.160	ug/l	96
3) Chloromethane	2.12	50	90601	20.776	ug/l	99
4) Vinyl Chloride	2.26	62	92963	20.777	ug/l	97
5) Bromomethane	2.65	94	69426	20.890	ug/l	98
6) Chloroethane	2.80	64	57758	19.653	ug/l	98
7) Trichlorofluoromethane	3.13	101	131718	20.614	ug/l	100
8) Diethyl Ether	3.54	74	41810	19.526	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	75904	19.668	ug/l	99
10) Methyl Iodide	4.10	142	75177	17.930	ug/l	98
11) Tert butyl alcohol	4.96	59	37196	92.910	ug/l	99
12) 1,1-Dichloroethene	3.88	96	74027	20.280	ug/l	98
13) Acrolein	3.74	56	28443	81.853	ug/l	99
14) Allyl chloride	4.49	41	118062	21.798	ug/l	98
15) Acrylonitrile	5.17	53	97891	95.173	ug/l	99
16) Acetone	3.95	43	82874	100.210	ug/l	97
17) Carbon Disulfide	4.19	76	227192	20.284	ug/l	98
18) Methyl Acetate	4.48	43	45853	19.965	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	193254	18.892	ug/l	99
20) Methylene Chloride	4.72	84	115185	24.926	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	80883	19.591	ug/l	94
22) Diisopropyl ether	6.13	45	250443	20.834	ug/l	98
23) Vinyl Acetate	6.07	43	801208	100.000	ug/l	98
24) 1,1-Dichloroethane	6.02	63	144735	20.783	ug/l	98
25) 2-Butanone	6.99	43	132884	97.863	ug/l	100
26) 2,2-Dichloropropane	6.99	77	129893	20.711	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	88051	19.371	ug/l	97
28) Bromochloromethane	7.34	49	68229	22.629	ug/l	93
29) Tetrahydrofuran	7.35	42	87831	96.286	ug/l	97
30) Chloroform	7.51	83	141819	19.772	ug/l	96
31) Cyclohexane	7.78	56	142079	21.098	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	130569	20.221	ug/l	100
36) 1,1-Dichloropropene	7.92	75	115147	19.890	ug/l	99
37) Ethyl Acetate	7.08	43	61269	19.652	ug/l	96
38) Carbon Tetrachloride	7.91	117	116735	19.532	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	143811	19.774	ug/l	95
40) Benzene	8.16	78	316640	19.864	ug/l	96
41) Methacrylonitrile	7.33	41	32025m	17.055	ug/l	
42) 1,2-Dichloroethane	8.24	62	94951	19.348	ug/l	99
43) Isopropyl Acetate	8.28	43	115601	19.156	ug/l	98
44) Trichloroethene	8.94	130	92190	18.866	ug/l	94
45) 1,2-Dichloropropane	9.22	63	81910	19.858	ug/l	99
46) Dibromomethane	9.31	93	44189	18.343	ug/l	100
47) Bromodichloromethane	9.50	83	110814	19.340	ug/l	98
48) Methyl methacrylate	9.29	41	53836	19.955	ug/l	93
49) 1,4-Dioxane	9.30	88	10111	330.692	ug/l	86
51) 4-Methyl-2-Pentanone	10.07	43	301028	95.971	ug/l	97
52) Toluene	10.24	92	196623	19.298	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	113847	19.178	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	132522	19.375	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	61731	18.083	ug/l	98
56) Ethyl methacrylate	10.51	69	84972	18.308	ug/l	94
57) 1,3-Dichloropropane	10.79	76	108956	18.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	241155	101.883	ug/l	96
59) 2-Hexanone	10.83	43	214136	97.796	ug/l	95
60) Dibromochloromethane	10.99	129	78509	18.285	ug/l	99
61) 1,2-Dibromoethane	11.09	107	59681	17.713	ug/l	99
64) Tetrachloroethene	10.72	164	93053	18.234	ug/l	98
65) Chlorobenzene	11.52	112	213032	19.321	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	81616	19.059	ug/l	99
67) Ethyl Benzene	11.59	91	393696	19.998	ug/l	96
68) m/p-Xylenes	11.70	106	293600	39.306	ug/l	98
69) o-Xylene	12.03	106	135081	19.357	ug/l	97
70) Styrene	12.04	104	233398	19.552	ug/l	98
71) Bromoform	12.20	173	50091	17.822	ug/l #	98
73) Isopropylbenzene	12.33	105	380162	19.672	ug/l	100
74) N-amyl acetate	12.14	43	104472	19.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	70936	19.006	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	50715m	18.894	ug/l	
77) Bromobenzene	12.61	156	95651	19.418	ug/l	99
78) n-propylbenzene	12.67	91	457753	20.096	ug/l	99
79) 2-Chlorotoluene	12.75	91	254726	20.043	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	323601	20.092	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	26005	18.855	ug/l	96
82) 4-Chlorotoluene	12.85	91	261119	19.684	ug/l	100
83) tert-Butylbenzene	13.08	119	281239	19.790	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	321296	19.826	ug/l	100
85) sec-Butylbenzene	13.25	105	393645	20.153	ug/l	100
86) p-Isopropyltoluene	13.37	119	360415	19.762	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	179330	19.252	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	178261	19.329	ug/l	98
89) n-Butylbenzene	13.70	91	352692	20.559	ug/l	98
90) Hexachloroethane	13.96	117	67204	20.234	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	158581	19.399	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10118	16.722	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	107276	18.447	ug/l	98
94) Hexachlorobutadiene	15.11	225	79703	20.002	ug/l	99
95) Naphthalene	15.23	128	162862	16.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	80325	17.473	ug/l	98

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

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