

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003389.D
 Acq On : 31 Jul 2020 15:09
 Operator : SY/MD
 Sample : VY0731SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 12:37:37 PM

Quant Time: Aug 01 01:56:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	531432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	780266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	718925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	383587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	251407	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.72	113	235219	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.18	98	924175	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.48	95	316358	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	88862	20.421	ug/l	99
3) Chloromethane	2.12	50	115406	19.364	ug/l	98
4) Vinyl Chloride	2.26	62	119571	19.986	ug/l	99
5) Bromomethane	2.64	94	92736	20.983	ug/l	100
6) Chloroethane	2.79	64	74387	19.821	ug/l	99
7) Trichlorofluoromethane	3.13	101	161704	20.016	ug/l	96
8) Diethyl Ether	3.53	74	56801	20.191	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	98857	20.486	ug/l	99
10) Methyl Iodide	4.10	142	110095	19.653	ug/l	98
11) Tert butyl alcohol	4.97	59	54988	106.391	ug/l	100
12) 1,1-Dichloroethene	3.88	96	92283	19.714	ug/l	94
13) Acrolein	3.74	56	53679	100.936	ug/l	98
14) Allyl chloride	4.48	41	154333	19.684	ug/l	98
15) Acrylonitrile	5.18	53	143221	102.611	ug/l	98
16) Acetone	3.95	43	117434	94.063	ug/l	96
17) Carbon Disulfide	4.19	76	309369	20.272	ug/l	99
18) Methyl Acetate	4.48	43	66093	20.066	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	262790	20.307	ug/l	100
20) Methylene Chloride	4.72	84	149668	18.251	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	106112	20.051	ug/l	97
22) Diisopropyl ether	6.12	45	333952	20.273	ug/l	97
23) Vinyl Acetate	6.07	43	1082000	100.263	ug/l	98
24) 1,1-Dichloroethane	6.03	63	186934	20.250	ug/l	99
25) 2-Butanone	6.99	43	187687	98.650	ug/l	99
26) 2,2-Dichloropropane	6.99	77	166212	20.179	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	116499	20.034	ug/l	100
28) Bromochloromethane	7.34	49	76235	21.230	ug/l	97
29) Tetrahydrofuran	7.35	42	124701	100.459	ug/l	99
30) Chloroform	7.52	83	186161	20.332	ug/l	97
31) Cyclohexane	7.79	56	177142	19.777	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	167632	20.066	ug/l	99
36) 1,1-Dichloropropene	7.93	75	148738	20.144	ug/l	99
37) Ethyl Acetate	7.08	43	83296	19.839	ug/l	99
38) Carbon Tetrachloride	7.90	117	154985	20.399	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	179944	19.973	ug/l	99
40) Benzene	8.16	78	415523	20.282	ug/l	99
41) Methacrylonitrile	7.33	41	45735m	19.001	ug/l	
42) 1,2-Dichloroethane	8.24	62	125522	20.117	ug/l	100
43) Isopropyl Acetate	8.28	43	157054	19.819	ug/l	98
44) Trichloroethene	8.94	130	119882	20.346	ug/l	97
45) 1,2-Dichloropropane	9.22	63	107590	20.054	ug/l	98
46) Dibromomethane	9.31	93	60289	20.029	ug/l	99
47) Bromodichloromethane	9.50	83	149081	20.553	ug/l	100
48) Methyl methacrylate	9.29	41	69514	19.434	ug/l	95
49) 1,4-Dioxane	9.30	88	16014	411.049	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	414269	99.756	ug/l	100
52) Toluene	10.24	92	261053	20.317	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	154081	20.014	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	175390	20.103	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	87119	20.634	ug/l	97
56) Ethyl methacrylate	10.51	69	119074	20.371	ug/l	99
57) 1,3-Dichloropropane	10.79	76	148292	20.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	288090	106.408	ug/l	100
59) 2-Hexanone	10.83	43	289798	100.132	ug/l	99
60) Dibromochloromethane	10.98	129	106877	20.157	ug/l	98
61) 1,2-Dibromoethane	11.09	107	83944	20.522	ug/l	99
64) Tetrachloroethene	10.72	164	118415	19.702	ug/l	98
65) Chlorobenzene	11.52	112	286164	20.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	110077	20.060	ug/l	99
67) Ethyl Benzene	11.59	91	513368	20.181	ug/l	99
68) m/p-Xylenes	11.70	106	388937	40.557	ug/l	98
69) o-Xylene	12.03	106	182395	20.317	ug/l	99
70) Styrene	12.04	104	309503	20.149	ug/l	99
71) Bromoform	12.20	173	71628	20.087	ug/l #	100
73) Isopropylbenzene	12.33	105	495080	19.970	ug/l	99
74) N-amyl acetate	12.14	43	144262	19.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	100229	20.411	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	68543m	19.891	ug/l	
77) Bromobenzene	12.61	156	125956	19.996	ug/l	98
78) n-propylbenzene	12.67	91	601291	20.265	ug/l	99
79) 2-Chlorotoluene	12.75	91	330174	20.056	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	422118	20.280	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	36779	20.185	ug/l	99
82) 4-Chlorotoluene	12.85	91	350032	20.461	ug/l	98
83) tert-Butylbenzene	13.07	119	363720	20.128	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	424800	20.305	ug/l	99
85) sec-Butylbenzene	13.25	105	507026	20.171	ug/l	99
86) p-Isopropyltoluene	13.37	119	476457	20.266	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	242525	20.156	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	240815	20.299	ug/l	98
89) n-Butylbenzene	13.69	91	460567	20.730	ug/l	99
90) Hexachloroethane	13.96	117	91487	20.314	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	215799	20.318	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17687	22.356	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	159231	21.155	ug/l	99
94) Hexachlorobutadiene	15.11	225	103346	20.733	ug/l	99
95) Naphthalene	15.23	128	266592	20.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	128700	21.135	ug/l	100

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

