

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060420\
 Data File : VY002838.D
 Acq On : 04 Jun 2020 13:29
 Operator : SY/MD
 Sample : VY0604SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Quant Time: Jun 04 16:33:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	336179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	499289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	460223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246659	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	144092	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.72	113	150052	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.18	98	577570	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.48	95	203956	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	44927	19.422	ug/l	100
3) Chloromethane	2.12	50	51963	20.309	ug/l	97
4) Vinyl Chloride	2.26	62	56879	21.032	ug/l	97
5) Bromomethane	2.65	94	42351	20.897	ug/l	98
6) Chloroethane	2.79	64	37607	21.451	ug/l	98
7) Trichlorofluoromethane	3.13	101	101863	21.267	ug/l	96
8) Diethyl Ether	3.53	74	38181	20.415	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	63985	22.500	ug/l	99
10) Methyl Iodide	4.10	142	81858	20.571	ug/l	99
11) Tert butyl alcohol	4.97	59	39315	118.603	ug/l	99
12) 1,1-Dichloroethene	3.88	96	61701	21.574	ug/l	94
13) Acrolein	3.74	56	31642	92.502	ug/l	99
14) Allyl chloride	4.49	41	92977	22.667	ug/l	98
15) Acrylonitrile	5.18	53	94845	112.412	ug/l	100
16) Acetone	3.96	43	72178	105.452	ug/l	100
17) Carbon Disulfide	4.20	76	181106	20.956	ug/l	99
18) Methyl Acetate	4.49	43	44433	25.395	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	170581	21.605	ug/l	100
20) Methylene Chloride	4.72	84	77670	23.220	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	70067	21.785	ug/l	99
22) Diisopropyl ether	6.13	45	193954	22.755	ug/l	97
23) Vinyl Acetate	6.07	43	632851	112.455	ug/l	98
24) 1,1-Dichloroethane	6.03	63	111082	22.278	ug/l	98
25) 2-Butanone	7.00	43	119317	111.889	ug/l	98
26) 2,2-Dichloropropane	6.99	77	100016	20.915	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	77992	21.661	ug/l	99
28) Bromochloromethane	7.34	49	47146	23.033	ug/l	95
29) Tetrahydrofuran	7.36	42	78988	113.874	ug/l	99
30) Chloroform	7.51	83	114132	21.571	ug/l	96
31) Cyclohexane	7.78	56	106929	21.599	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	102047	20.697	ug/l	99
36) 1,1-Dichloropropene	7.92	75	90123	21.428	ug/l	99
37) Ethyl Acetate	7.08	43	52448	22.920	ug/l	99
38) Carbon Tetrachloride	7.90	117	96272	20.605	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	116767	21.063	ug/l	98
40) Benzene	8.16	78	265680	21.378	ug/l	98
41) Methacrylonitrile	7.32	41	26476m	21.537	ug/l	
42) 1,2-Dichloroethane	8.24	62	73550	21.118	ug/l	99
43) Isopropyl Acetate	8.28	43	97208	22.417	ug/l	99
44) Trichloroethene	8.94	130	83171	21.187	ug/l	98
45) 1,2-Dichloropropane	9.22	63	64815	21.748	ug/l	98
46) Dibromomethane	9.31	93	38265	21.619	ug/l	98
47) Bromodichloromethane	9.50	83	89945	21.556	ug/l	100
48) Methyl methacrylate	9.30	41	42453	21.687	ug/l	99
49) 1,4-Dioxane	9.30	88	11731	431.655	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	257617	112.192	ug/l	99
52) Toluene	10.24	92	170541	20.977	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	97604	21.416	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	110607	21.418	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	58174	21.469	ug/l	94
56) Ethyl methacrylate	10.51	69	78726	21.691	ug/l	99
57) 1,3-Dichloropropane	10.79	76	96504	21.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	189102	106.630	ug/l	99
59) 2-Hexanone	10.83	43	181979	111.696	ug/l	100
60) Dibromochloromethane	10.99	129	71928	20.937	ug/l	100
61) 1,2-Dibromoethane	11.09	107	58182	21.767	ug/l	99
64) Tetrachloroethene	10.72	164	84647	20.237	ug/l	98
65) Chlorobenzene	11.52	112	194198	21.349	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	73100	21.338	ug/l	99
67) Ethyl Benzene	11.59	91	334440	21.208	ug/l	98
68) m/p-Xylenes	11.70	106	258466	42.273	ug/l	99
69) o-Xylene	12.03	106	123818	21.452	ug/l	99
70) Styrene	12.04	104	213297	21.317	ug/l	99
71) Bromoform	12.20	173	49644	21.656	ug/l	# 99
73) Isopropylbenzene	12.33	105	332899	21.060	ug/l	100
74) N-amyl acetate	12.14	43	89667	22.108	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	63787	22.999	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	47889m	21.547	ug/l	
77) Bromobenzene	12.61	156	85503	20.774	ug/l	97
78) n-propylbenzene	12.67	91	392412	21.492	ug/l	99
79) 2-Chlorotoluene	12.75	91	218732	21.356	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	281295	21.313	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	25699	21.784	ug/l	98
82) 4-Chlorotoluene	12.85	91	229789	21.414	ug/l	99
83) tert-Butylbenzene	13.07	119	249907	21.227	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	284603	21.446	ug/l	100
85) sec-Butylbenzene	13.25	105	345868	21.486	ug/l	100
86) p-Isopropyltoluene	13.37	119	321571	21.469	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	166892	21.406	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	164392	21.079	ug/l	99
89) n-Butylbenzene	13.70	91	296104	21.774	ug/l	99
90) Hexachloroethane	13.96	117	59266	21.136	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	150901	21.342	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12076	22.632	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	115139	21.604	ug/l	99
94) Hexachlorobutadiene	15.11	225	65631	21.713	ug/l	98
95) Naphthalene	15.23	128	230482	21.569	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	102616	21.562	ug/l	99

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

