

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
 Data File : VY002882.D
 Acq On : 11 Jun 2020 11:24
 Operator : SY/MD
 Sample : VY0611SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Quant Time: Jun 11 16:48:35 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	273448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	400567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	373256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	205332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	117044	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.72	113	117357	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.18	98	462140	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.48	95	162614	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	40064	21.293	ug/l	96
3) Chloromethane	2.11	50	43172	20.744	ug/l	98
4) Vinyl Chloride	2.26	62	48095	21.864	ug/l	97
5) Bromomethane	2.65	94	34504	20.931	ug/l	99
6) Chloroethane	2.79	64	29918	20.980	ug/l	100
7) Trichlorofluoromethane	3.13	101	85476	21.940	ug/l	98
8) Diethyl Ether	3.54	74	30758	20.219	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51168	22.120	ug/l	99
10) Methyl Iodide	4.10	142	63449	19.603	ug/l	99
11) Tert butyl alcohol	4.97	59	29333	107.677	ug/l	98
12) 1,1-Dichloroethene	3.88	96	50492	21.705	ug/l	99
13) Acrolein	3.74	56	21936	78.839	ug/l	99
14) Allyl chloride	4.49	41	70980	21.274	ug/l	99
15) Acrylonitrile	5.18	53	74577	108.667	ug/l	98
16) Acetone	3.96	43	61306	110.116	ug/l	98
17) Carbon Disulfide	4.20	76	138984	19.771	ug/l	98
18) Methyl Acetate	4.49	43	35785	25.134	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	139740	21.759	ug/l	97
20) Methylene Chloride	4.72	84	63169	23.217	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	55247	21.118	ug/l	99
22) Diisopropyl ether	6.12	45	150754	21.744	ug/l	93
23) Vinyl Acetate	6.07	43	493251	107.756	ug/l	99
24) 1,1-Dichloroethane	6.02	63	87873	21.666	ug/l	100
25) 2-Butanone	6.99	43	93422	107.703	ug/l	100
26) 2,2-Dichloropropane	6.99	77	83178	21.384	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	62476	21.333	ug/l	99
28) Bromochloromethane	7.34	49	38980	23.412	ug/l	99
29) Tetrahydrofuran	7.36	42	61836	109.597	ug/l	99
30) Chloroform	7.52	83	93523	21.731	ug/l	97
31) Cyclohexane	7.78	56	82439	20.473	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	86865	21.660	ug/l	99
36) 1,1-Dichloropropene	7.92	75	71917	21.313	ug/l	99
37) Ethyl Acetate	7.08	43	42009	22.882	ug/l	100
38) Carbon Tetrachloride	7.90	117	81724	21.802	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	92721	20.847	ug/l	100
40) Benzene	8.16	78	214743	21.538	ug/l	99
41) Methacrylonitrile	7.32	41	20825m	21.115	ug/l	
42) 1,2-Dichloroethane	8.24	62	61369	21.963	ug/l	99
43) Isopropyl Acetate	8.28	43	75799	21.788	ug/l	100
44) Trichloroethene	8.94	130	66781	21.205	ug/l	97
45) 1,2-Dichloropropane	9.22	63	52497	21.956	ug/l	99
46) Dibromomethane	9.31	93	30852	21.727	ug/l	98
47) Bromodichloromethane	9.50	83	73449	21.941	ug/l	98
48) Methyl methacrylate	9.30	41	34093	21.708	ug/l	99
49) 1,4-Dioxane	9.30	88	9224	423.056	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	208321	113.083	ug/l	100
52) Toluene	10.24	92	141016	21.620	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	80916	22.130	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	90614	21.871	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	47617	21.904	ug/l	98
56) Ethyl methacrylate	10.51	69	63940	21.959	ug/l	100
57) 1,3-Dichloropropane	10.79	76	78837	22.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	153814	108.108	ug/l	100
59) 2-Hexanone	10.83	43	146436	112.032	ug/l	100
60) Dibromochloromethane	10.99	129	60793	22.057	ug/l	100
61) 1,2-Dibromoethane	11.09	107	47553	22.175	ug/l	99
64) Tetrachloroethene	10.72	164	71043	20.942	ug/l	98
65) Chlorobenzene	11.52	112	158981	21.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	60215	21.672	ug/l	99
67) Ethyl Benzene	11.59	91	275683	21.555	ug/l	100
68) m/p-Xylenes	11.70	106	214356	43.228	ug/l	99
69) o-Xylene	12.03	106	101660	21.716	ug/l	100
70) Styrene	12.05	104	176525	21.753	ug/l	100
71) Bromoform	12.21	173	41555	22.351	ug/l #	99
73) Isopropylbenzene	12.33	105	277421	21.083	ug/l	99
74) N-amyl acetate	12.14	43	72003	21.326	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	51181	22.168	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	42127m	22.769	ug/l	
77) Bromobenzene	12.61	156	74223	21.663	ug/l	97
78) n-propylbenzene	12.67	91	323118	21.258	ug/l	100
79) 2-Chlorotoluene	12.75	91	178752	20.965	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	237390	21.607	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	21267	21.656	ug/l	99
82) 4-Chlorotoluene	12.86	91	192159	21.511	ug/l	100
83) tert-Butylbenzene	13.08	119	208740	21.299	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	237542	21.502	ug/l	100
85) sec-Butylbenzene	13.25	105	288933	21.562	ug/l	99
86) p-Isopropyltoluene	13.37	119	270911	21.727	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	140272	21.613	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	138580	21.345	ug/l	99
89) n-Butylbenzene	13.70	91	244812	21.626	ug/l	100
90) Hexachloroethane	13.96	117	50157	21.487	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	126139	21.431	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9800	22.063	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	96670	21.790	ug/l	99
94) Hexachlorobutadiene	15.11	225	55489	22.052	ug/l	98
95) Naphthalene	15.24	128	191749	21.556	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	85573	21.600	ug/l	98

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

