

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
 Data File : VY002883.D
 Acq On : 11 Jun 2020 11:47
 Operator : SY/MD
 Sample : VY0611SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBSD01

Quant Time: Jun 11 16:49:39 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	269981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	396055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	371102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202839	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	118210	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	7.72	113	121368	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
50) Toluene-d8	10.18	98	468006	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.48	95	167579	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	35919	19.335	ug/l	92
3) Chloromethane	2.12	50	39503	19.225	ug/l	93
4) Vinyl Chloride	2.26	62	43477	20.018	ug/l	98
5) Bromomethane	2.65	94	33887	20.821	ug/l	96
6) Chloroethane	2.79	64	29827	21.185	ug/l	96
7) Trichlorofluoromethane	3.13	101	82984	21.574	ug/l	99
8) Diethyl Ether	3.54	74	29691	19.768	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48417	21.200	ug/l	95
10) Methyl Iodide	4.10	142	64106	20.060	ug/l	99
11) Tert butyl alcohol	4.97	59	30084	112.374	ug/l	99
12) 1,1-Dichloroethene	3.88	96	48535	21.132	ug/l	98
13) Acrolein	3.74	56	21481	78.195	ug/l	100
14) Allyl chloride	4.49	41	70489	21.399	ug/l	99
15) Acrylonitrile	5.18	53	76927	113.531	ug/l	100
16) Acetone	3.96	43	60940	110.864	ug/l	99
17) Carbon Disulfide	4.19	76	135690	19.551	ug/l	98
18) Methyl Acetate	4.49	43	35931	25.578	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	139565	22.011	ug/l	97
20) Methylene Chloride	4.72	84	60540	22.537	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	54804	21.218	ug/l	96
22) Diisopropyl ether	6.13	45	150818	22.032	ug/l	97
23) Vinyl Acetate	6.07	43	487889	107.953	ug/l	100
24) 1,1-Dichloroethane	6.02	63	87251	21.789	ug/l	99
25) 2-Butanone	6.99	43	93274	108.913	ug/l	98
26) 2,2-Dichloropropane	6.99	77	81044	21.103	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	61634	21.315	ug/l	100
28) Bromochloromethane	7.34	49	37430	22.770	ug/l	98
29) Tetrahydrofuran	7.35	42	62180	111.622	ug/l	99
30) Chloroform	7.52	83	93926	22.105	ug/l	98
31) Cyclohexane	7.79	56	80720	20.303	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	85312	21.546	ug/l	99
36) 1,1-Dichloropropene	7.93	75	72104	21.612	ug/l	99
37) Ethyl Acetate	7.08	43	42780	23.568	ug/l	99
38) Carbon Tetrachloride	7.91	117	80312	21.669	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	90435	20.565	ug/l	99
40) Benzene	8.16	78	211092	21.413	ug/l	100
41) Methacrylonitrile	7.33	41	24718m	25.348	ug/l	
42) 1,2-Dichloroethane	8.24	62	60318	21.833	ug/l	98
43) Isopropyl Acetate	8.28	43	76482	22.234	ug/l	99
44) Trichloroethene	8.94	130	65864	21.152	ug/l	99
45) 1,2-Dichloropropane	9.22	63	51991	21.992	ug/l	97
46) Dibromomethane	9.31	93	31761	22.622	ug/l	96
47) Bromodichloromethane	9.50	83	72457	21.891	ug/l	96
48) Methyl methacrylate	9.30	41	34850	22.443	ug/l	97
49) 1,4-Dioxane	9.31	88	9591	444.900	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	209073	114.784	ug/l	100
52) Toluene	10.24	92	138468	21.472	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	79109	21.883	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	89338	21.809	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	47819	22.247	ug/l	93
56) Ethyl methacrylate	10.51	69	63587	22.087	ug/l	99
57) 1,3-Dichloropropane	10.79	76	78032	22.072	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	154467	109.804	ug/l	99
59) 2-Hexanone	10.83	43	148931	115.239	ug/l	100
60) Dibromochloromethane	10.99	129	60195	22.089	ug/l	99
61) 1,2-Dibromoethane	11.09	107	46438	21.901	ug/l	99
64) Tetrachloroethene	10.72	164	69786	20.691	ug/l	98
65) Chlorobenzene	11.52	112	157154	21.426	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	60543	21.916	ug/l	99
67) Ethyl Benzene	11.59	91	270173	21.247	ug/l	100
68) m/p-Xylenes	11.70	106	209585	42.511	ug/l	99
69) o-Xylene	12.03	106	100451	21.583	ug/l	99
70) Styrene	12.05	104	175024	21.693	ug/l	100
71) Bromoform	12.20	173	41630	22.522	ug/l #	100
73) Isopropylbenzene	12.33	105	274021	21.081	ug/l	100
74) N-amyl acetate	12.14	43	72051	21.603	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	52311	22.936	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	40499m	22.158	ug/l	
77) Bromobenzene	12.61	156	71825	21.221	ug/l	100
78) n-propylbenzene	12.67	91	322380	21.470	ug/l	100
79) 2-Chlorotoluene	12.75	91	178799	21.228	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	231491	21.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	21412	22.071	ug/l	98
82) 4-Chlorotoluene	12.85	91	188965	21.414	ug/l	100
83) tert-Butylbenzene	13.08	119	209234	21.612	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	235706	21.598	ug/l	100
85) sec-Butylbenzene	13.25	105	283485	21.416	ug/l	100
86) p-Isopropyltoluene	13.37	119	266904	21.669	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	137652	21.470	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	138038	21.523	ug/l	99
89) n-Butylbenzene	13.70	91	241845	21.626	ug/l	100
90) Hexachloroethane	13.96	117	50351	21.835	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	128005	22.015	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10122	23.068	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	95523	21.796	ug/l	100
94) Hexachlorobutadiene	15.11	225	55054	22.148	ug/l	99
95) Naphthalene	15.23	128	190204	21.645	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	86203	22.026	ug/l	98

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

