

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002702.D
 Acq On : 18 May 2020 11:43
 Operator : SY/MD
 Sample : VY0518SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

Quant Time: May 19 00:23:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	335873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	490859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	451689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	241165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	133885	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.72	113	141351	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.18	98	576217	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.48	95	191716	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	48280	20.060 ug/l	99
3) Chloromethane	2.12	50	58265	21.138 ug/l	99
4) Vinyl Chloride	2.26	62	58956	20.527 ug/l	95
5) Bromomethane	2.65	94	44831	21.059 ug/l	97
6) Chloroethane	2.79	64	38141	20.766 ug/l	96
7) Trichlorofluoromethane	3.13	101	100653	20.794 ug/l	99
8) Diethyl Ether	3.54	74	33026	20.057 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	60291	20.548 ug/l	99
10) Methyl Iodide	4.10	142	79759	19.749 ug/l	99
11) Tert butyl alcohol	4.96	59	23988	89.906 ug/l	99
12) 1,1-Dichloroethene	3.88	96	59548	20.213 ug/l	96
13) Acrolein	3.74	56	29666	94.797 ug/l	100
14) Allyl chloride	4.49	41	84375	19.949 ug/l	99
15) Acrylonitrile	5.18	53	73842	99.041 ug/l	99
16) Acetone	3.96	43	51591	95.258 ug/l	95
17) Carbon Disulfide	4.20	76	185430	20.066 ug/l	99
18) Methyl Acetate	4.49	43	30298	19.620 ug/l	97
19) Methyl tert-butyl Ether	5.23	73	146759	20.083 ug/l	100
20) Methylene Chloride	4.72	84	63256	19.322 ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	66013	20.151 ug/l	98
22) Diisopropyl ether	6.13	45	169794	20.234 ug/l	99
23) Vinyl Acetate	6.07	43	530530	98.737 ug/l	99
24) 1,1-Dichloroethane	6.03	63	102909	20.523 ug/l	98
25) 2-Butanone	6.99	43	85684	95.620 ug/l	99
26) 2,2-Dichloropropane	6.99	77	95050	20.373 ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	71837	20.294 ug/l	99
28) Bromochloromethane	7.35	49	41432	20.887 ug/l	98
29) Tetrahydrofuran	7.35	42	59057	96.864 ug/l	100
30) Chloroform	7.52	83	105131	20.201 ug/l	99
31) Cyclohexane	7.79	56	101503	19.959 ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	98979	20.584 ug/l	99
36) 1,1-Dichloropropene	7.93	75	85755	20.637 ug/l	99
37) Ethyl Acetate	7.08	43	39952	19.548 ug/l	98
38) Carbon Tetrachloride	7.91	117	95504	21.385 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	112799	20.188	ug/l	99
40) Benzene	8.17	78	250629	20.671	ug/l	99
41) Methacrylonitrile	7.33	41	23630m	19.244	ug/l	
42) 1,2-Dichloroethane	8.25	62	65545	20.497	ug/l	99
43) Isopropyl Acetate	8.28	43	74029	19.490	ug/l	98
44) Trichloroethene	8.94	130	81186	21.007	ug/l	97
45) 1,2-Dichloropropane	9.22	63	58141	20.205	ug/l	96
46) Dibromomethane	9.31	93	33262	20.574	ug/l	100
47) Bromodichloromethane	9.50	83	81744	20.717	ug/l	94
48) Methyl methacrylate	9.30	41	33302	19.042	ug/l	96
49) 1,4-Dioxane	9.30	88	8946	406.288	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	195008	99.441	ug/l	98
52) Toluene	10.25	92	162773	20.745	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	86555	20.553	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	100213	20.526	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	49318	20.490	ug/l	99
56) Ethyl methacrylate	10.51	69	63934	19.953	ug/l	99
57) 1,3-Dichloropropane	10.79	76	81899	20.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	154903	97.925	ug/l	99
59) 2-Hexanone	10.83	43	134915	98.748	ug/l	99
60) Dibromochloromethane	10.99	129	63723	20.724	ug/l	99
61) 1,2-Dibromoethane	11.09	107	49083	20.698	ug/l	99
64) Tetrachloroethene	10.72	164	90550	21.116	ug/l	99
65) Chlorobenzene	11.52	112	181614	20.807	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	66448	20.512	ug/l	98
67) Ethyl Benzene	11.60	91	318715	20.797	ug/l	99
68) m/p-Xylenes	11.70	106	248330	41.650	ug/l	99
69) o-Xylene	12.03	106	115732	20.681	ug/l	97
70) Styrene	12.04	104	199566	20.771	ug/l	99
71) Bromoform	12.21	173	41640	20.795	ug/l #	100
73) Isopropylbenzene	12.33	105	319637	20.284	ug/l	100
74) N-amyl acetate	12.14	43	71222	19.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	45640	19.668	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39240m	19.807	ug/l	
77) Bromobenzene	12.61	156	80173	20.350	ug/l	97
78) n-propylbenzene	12.67	91	373365	20.367	ug/l	100
79) 2-Chlorotoluene	12.75	91	203794	20.044	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	268939	20.311	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	20344	19.421	ug/l #	79
82) 4-Chlorotoluene	12.85	91	216641	20.341	ug/l	99
83) tert-Butylbenzene	13.08	119	240124	20.491	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	270593	20.448	ug/l	99
85) sec-Butylbenzene	13.25	105	328957	20.343	ug/l	100
86) p-Isopropyltoluene	13.37	119	311083	20.553	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	154824	20.382	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	154049	20.370	ug/l	100
89) n-Butylbenzene	13.70	91	280491	20.180	ug/l	100
90) Hexachloroethane	13.96	117	56853	20.280	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	137699	20.213	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8288	18.625	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.00	180	102177	18.821	ug/l	100
94) Hexachlorobutadiene	15.11	225	62829	19.175	ug/l	99
95) Naphthalene	15.23	128	175957	18.755	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	87179	18.739	ug/l	98

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

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