

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002734.D
 Acq On : 21 May 2020 11:50
 Operator : SY/MD
 Sample : VY0521SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

Quant Time: May 21 13:46:03 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	397699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	592063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	537610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	278933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	162564	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
35) Dibromofluoromethane	7.72	113	172478	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	10.18	98	688283	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.48	95	235170	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56658	19.881	ug/l	98
3) Chloromethane	2.12	50	65944	20.205	ug/l	100
4) Vinyl Chloride	2.26	62	70035	20.593	ug/l	96
5) Bromomethane	2.64	94	49710	19.721	ug/l	98
6) Chloroethane	2.79	64	42548	19.564	ug/l	99
7) Trichlorofluoromethane	3.13	101	114560	19.988	ug/l	95
8) Diethyl Ether	3.53	74	40881	20.968	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	69804	20.092	ug/l	100
10) Methyl Iodide	4.10	142	90501	18.925	ug/l	99
11) Tert butyl alcohol	4.96	59	35627	112.770	ug/l	98
12) 1,1-Dichloroethene	3.88	96	70245	20.137	ug/l	98
13) Acrolein	3.74	56	35036	94.552	ug/l	97
14) Allyl chloride	4.49	41	103327	20.632	ug/l	98
15) Acrylonitrile	5.17	53	95834	108.555	ug/l	99
16) Acetone	3.95	43	68163	106.291	ug/l	94
17) Carbon Disulfide	4.19	76	216753	19.809	ug/l	100
18) Methyl Acetate	4.49	43	41009	22.428	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	179240	20.715	ug/l	98
20) Methylene Chloride	4.72	84	79764	20.577	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	78515	20.241	ug/l	99
22) Diisopropyl ether	6.12	45	210286	21.164	ug/l	97
23) Vinyl Acetate	6.07	43	674621	106.035	ug/l	99
24) 1,1-Dichloroethane	6.02	63	122276	20.595	ug/l	99
25) 2-Butanone	6.99	43	114865	108.257	ug/l	97
26) 2,2-Dichloropropane	6.99	77	112097	20.292	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	85983	20.514	ug/l	99
28) Bromochloromethane	7.34	49	51791	22.051	ug/l	97
29) Tetrahydrofuran	7.35	42	78789	109.138	ug/l	100
30) Chloroform	7.51	83	124462	20.198	ug/l	97
31) Cyclohexane	7.78	56	120268	19.972	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	114218	20.060	ug/l	100
36) 1,1-Dichloropropene	7.92	75	101274	20.206	ug/l	99
37) Ethyl Acetate	7.08	43	53810	21.828	ug/l	99
38) Carbon Tetrachloride	7.91	117	105620	19.607	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	131497	19.512	ug/l	96
40) Benzene	8.16	78	294733	20.154	ug/l	98
41) Methacrylonitrile	7.33	41	33265m	22.460	ug/l	
42) 1,2-Dichloroethane	8.24	62	77388	20.064	ug/l	99
43) Isopropyl Acetate	8.28	43	98427	21.484	ug/l	100
44) Trichloroethene	8.94	130	92775	19.902	ug/l	97
45) 1,2-Dichloropropane	9.22	63	70896	20.426	ug/l	100
46) Dibromomethane	9.31	93	40606	20.823	ug/l	99
47) Bromodichloromethane	9.50	83	96763	20.332	ug/l	95
48) Methyl methacrylate	9.29	41	43973	20.846	ug/l	99
49) 1,4-Dioxane	9.30	88	11967	450.588	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	255306	107.935	ug/l	100
52) Toluene	10.24	92	189437	20.017	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	104735	20.619	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	121264	20.592	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	60378	20.797	ug/l	98
56) Ethyl methacrylate	10.51	69	82114	21.246	ug/l	97
57) 1,3-Dichloropropane	10.79	76	101021	20.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	200032	104.838	ug/l	99
59) 2-Hexanone	10.83	43	179155	108.714	ug/l	99
60) Dibromochloromethane	10.99	129	75635	20.393	ug/l	98
61) 1,2-Dibromoethane	11.09	107	58927	20.602	ug/l	99
64) Tetrachloroethene	10.72	164	102605	20.103	ug/l	98
65) Chlorobenzene	11.52	112	208594	20.079	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	78461	20.350	ug/l	99
67) Ethyl Benzene	11.59	91	364753	19.997	ug/l	99
68) m/p-Xylenes	11.70	106	285405	40.218	ug/l	99
69) o-Xylene	12.03	106	133522	20.047	ug/l	100
70) Styrene	12.05	104	230099	20.121	ug/l	99
71) Bromoform	12.20	173	49072	20.590	ug/l #	99
73) Isopropylbenzene	12.33	105	363107	19.922	ug/l	99
74) N-amyl acetate	12.14	43	92256	21.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	56505	21.053	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	48872m	21.329	ug/l	
77) Bromobenzene	12.61	156	93784	20.582	ug/l	99
78) n-propylbenzene	12.67	91	424788	20.035	ug/l	100
79) 2-Chlorotoluene	12.75	91	234898	19.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	307447	20.076	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	25156	20.763	ug/l #	78
82) 4-Chlorotoluene	12.86	91	246690	20.027	ug/l	99
83) tert-Butylbenzene	13.08	119	270336	19.946	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	308444	20.153	ug/l	99
85) sec-Butylbenzene	13.25	105	373248	19.957	ug/l	100
86) p-Isopropyltoluene	13.37	119	348892	19.930	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	175854	20.016	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	176240	20.149	ug/l	99
89) n-Butylbenzene	13.70	91	316603	19.693	ug/l	99
90) Hexachloroethane	13.96	117	63650	19.630	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	157841	20.033	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10984	21.341	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	115923	18.396	ug/l	99
94) Hexachlorobutadiene	15.11	225	69043	18.020	ug/l	99
95) Naphthalene	15.23	128	213482	19.673	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	98800	18.289	ug/l	99

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

