

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
 Data File : VY002804.D
 Acq On : 01 Jun 2020 12:51
 Operator : SY/MD
 Sample : VY0601SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBS01

Quant Time: Jun 01 18:19:38 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	287309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	421687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	215439	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	125571	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
35) Dibromofluoromethane	7.72	113	126288	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
50) Toluene-d8	10.18	98	502307	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.49	95	174546	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	44288	22.403	ug/l	98
3) Chloromethane	2.12	50	49445	22.612	ug/l	98
4) Vinyl Chloride	2.26	62	53226	23.029	ug/l	98
5) Bromomethane	2.65	94	37981	21.929	ug/l	99
6) Chloroethane	2.80	64	32663	21.800	ug/l	99
7) Trichlorofluoromethane	3.13	101	89299	21.815	ug/l	96
8) Diethyl Ether	3.54	74	30996	19.392	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	53104	21.850	ug/l	98
10) Methyl Iodide	4.10	142	68101	20.025	ug/l	99
11) Tert butyl alcohol	4.99	59	28023	96.684	ug/l	98
12) 1,1-Dichloroethene	3.88	96	53316	21.813	ug/l	97
13) Acrolein	3.74	56	28240	96.599	ug/l	97
14) Allyl chloride	4.49	41	74411	21.227	ug/l	100
15) Acrylonitrile	5.18	53	77191	107.050	ug/l	99
16) Acetone	3.96	43	61270	104.742	ug/l	98
17) Carbon Disulfide	4.20	76	154238	20.883	ug/l	100
18) Methyl Acetate	4.49	43	34527	23.000	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	141766	21.010	ug/l	100
20) Methylene Chloride	4.72	84	65043	22.753	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	56902	20.701	ug/l	96
22) Diisopropyl ether	6.13	45	153500	21.072	ug/l	95
23) Vinyl Acetate	6.07	43	509990	106.038	ug/l	100
24) 1,1-Dichloroethane	6.03	63	90169	21.160	ug/l	99
25) 2-Butanone	7.00	43	93664	102.773	ug/l	99
26) 2,2-Dichloropropane	6.99	77	86280	21.111	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	63655	20.687	ug/l	99
28) Bromochloromethane	7.34	49	38047	21.749	ug/l	99
29) Tetrahydrofuran	7.36	42	62593	105.587	ug/l	98
30) Chloroform	7.52	83	96350	21.307	ug/l	100
31) Cyclohexane	7.79	56	87104	20.587	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	89121	21.150	ug/l	99
36) 1,1-Dichloropropene	7.93	75	74070	20.852	ug/l	98
37) Ethyl Acetate	7.08	43	42311	21.893	ug/l	99
38) Carbon Tetrachloride	7.91	117	84920	21.520	ug/l	98

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39) Methylcyclohexane	9.19	83	97828	20.894	ug/l	99
40) Benzene	8.17	78	221723	21.125	ug/l	97
41) Methacrylonitrile	7.33	41	23793m	22.916	ug/l	
42) 1,2-Dichloroethane	8.24	62	62781	21.343	ug/l	100
43) Isopropyl Acetate	8.28	43	78105	21.326	ug/l	99
44) Trichloroethene	8.94	130	70427	21.243	ug/l	98
45) 1,2-Dichloropropane	9.22	63	53333	21.189	ug/l	96
46) Dibromomethane	9.31	93	32177	21.525	ug/l	99
47) Bromodichloromethane	9.50	83	76005	21.568	ug/l	96
48) Methyl methacrylate	9.30	41	33799	20.443	ug/l	96
49) 1,4-Dioxane	9.31	88	9533	415.330	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	208492	107.507	ug/l	100
52) Toluene	10.25	92	145094	21.131	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	82904	21.538	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	93788	21.504	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	48302	21.106	ug/l	95
56) Ethyl methacrylate	10.51	69	63983	20.873	ug/l	99
57) 1,3-Dichloropropane	10.79	76	80436	21.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	154460	103.125	ug/l	98
59) 2-Hexanone	10.83	43	148996	108.282	ug/l	100
60) Dibromochloromethane	10.99	129	62734	21.621	ug/l	99
61) 1,2-Dibromoethane	11.09	107	47335	20.967	ug/l	99
64) Tetrachloroethene	10.72	164	75169	21.027	ug/l	96
65) Chlorobenzene	11.52	112	165550	21.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	62917	21.488	ug/l	99
67) Ethyl Benzene	11.60	91	283753	21.054	ug/l	99
68) m/p-Xylenes	11.70	106	222710	42.620	ug/l	99
69) o-Xylene	12.03	106	104745	21.233	ug/l	100
70) Styrene	12.05	104	181540	21.229	ug/l	100
71) Bromoform	12.21	173	42865	21.879	ug/l #	99
73) Isopropylbenzene	12.33	105	286693	20.766	ug/l	100
74) N-amyl acetate	12.14	43	72828	20.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	52358	21.614	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	36652m	18.881	ug/l	
77) Bromobenzene	12.61	156	74004	20.586	ug/l	100
78) n-propylbenzene	12.67	91	334442	20.971	ug/l	100
79) 2-Chlorotoluene	12.76	91	185631	20.750	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	244385	21.200	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	21989	21.341	ug/l	99
82) 4-Chlorotoluene	12.86	91	196222	20.935	ug/l	99
83) tert-Butylbenzene	13.08	119	213293	20.743	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	243507	21.008	ug/l	99
85) sec-Butylbenzene	13.25	105	295569	21.022	ug/l	100
86) p-Isopropyltoluene	13.37	119	275524	21.061	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	140156	20.582	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	144085	21.152	ug/l	99
89) n-Butylbenzene	13.70	91	247902	20.872	ug/l	99
90) Hexachloroethane	13.96	117	51282	20.939	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	129138	20.911	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9834	21.101	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	96104	20.646	ug/l	100
94) Hexachlorobutadiene	15.11	225	54997	20.831	ug/l	98
95) Naphthalene	15.24	128	192721	20.649	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	85651	20.605	ug/l	99

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

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