

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003483.D
 Acq On : 03 Nov 2020 11:48
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:57:39 AM

Quant Time: Nov 04 00:36:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	242225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	350764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	317144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	121570	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.73	113	104538	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.18	98	428177	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.49	95	141424	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	41585	21.698	ug/l	99
3) Chloromethane	2.12	50	54084	21.436	ug/l	99
4) Vinyl Chloride	2.26	62	60137	21.234	ug/l	97
5) Bromomethane	2.65	94	46017	19.447	ug/l	98
6) Chloroethane	2.80	64	35170	20.835	ug/l	99
7) Trichlorofluoromethane	3.13	101	75709	21.060	ug/l	100
8) Diethyl Ether	3.54	74	23913	21.692	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	42505	21.393	ug/l	99
10) Methyl Iodide	4.10	142	39658	22.260	ug/l	99
11) Tert butyl alcohol	4.97	59	26961	96.382	ug/l	97
12) 1,1-Dichloroethene	3.88	96	40855	20.667	ug/l	97
13) Acrolein	3.74	56	21820	105.880	ug/l	98
14) Allyl chloride	4.49	41	74982	20.790	ug/l	100
15) Acrylonitrile	5.18	53	58651	99.671	ug/l	99
16) Acetone	3.96	43	74866	91.391	ug/l	96
17) Carbon Disulfide	4.21	76	134502	21.002	ug/l	99
18) Methyl Acetate	4.49	43	30824	19.911	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	104555	21.354	ug/l	98
20) Methylene Chloride	4.73	84	49660	21.526	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	47361	20.690	ug/l	97
22) Diisopropyl ether	6.13	45	137382	21.717	ug/l	99
23) Vinyl Acetate	6.08	43	501403	105.478	ug/l	99
24) 1,1-Dichloroethane	6.04	63	85442	21.255	ug/l	99
25) 2-Butanone	7.00	43	99201	96.823	ug/l	98
26) 2,2-Dichloropropane	6.99	77	79970	21.354	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	52837	21.302	ug/l	100
28) Bromochloromethane	7.35	49	41097	20.322	ug/l	96
29) Tetrahydrofuran	7.36	42	53495	99.922	ug/l	99
30) Chloroform	7.52	83	83849	21.237	ug/l	97
31) Cyclohexane	7.80	56	77631	20.857	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	77429	21.021	ug/l	99
36) 1,1-Dichloropropene	7.92	75	70371	21.279	ug/l	99
37) Ethyl Acetate	7.09	43	41736	20.323	ug/l	99
38) Carbon Tetrachloride	7.91	117	70021	20.409	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	76276	20.713	ug/l	98
40) Benzene	8.17	78	190153	20.661	ug/l	98
41) Methacrylonitrile	7.33	41	21087m	19.229	ug/l	
42) 1,2-Dichloroethane	8.25	62	58698	20.355	ug/l	99
43) Isopropyl Acetate	8.28	43	74283	20.127	ug/l	99
44) Trichloroethene	8.94	130	53165	20.577	ug/l	99
45) 1,2-Dichloropropane	9.22	63	48431	20.838	ug/l	99
46) Dibromomethane	9.31	93	26224	20.508	ug/l	98
47) Bromodichloromethane	9.50	83	65172	20.824	ug/l	98
48) Methyl methacrylate	9.30	41	34123	19.627	ug/l	97
49) 1,4-Dioxane	9.31	88	6259	392.294	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	200427	101.926	ug/l	99
52) Toluene	10.25	92	118796	20.637	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	69037	20.728	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	77999	20.811	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	37642	20.738	ug/l	97
56) Ethyl methacrylate	10.52	69	48921	20.121	ug/l	98
57) 1,3-Dichloropropane	10.79	76	65604	20.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	131378	106.593	ug/l	99
59) 2-Hexanone	10.83	43	141089	96.907	ug/l	100
60) Dibromochloromethane	10.99	129	45491	20.391	ug/l	99
61) 1,2-Dibromoethane	11.09	107	35372	20.185	ug/l	100
64) Tetrachloroethene	10.72	164	49155	20.754	ug/l	96
65) Chlorobenzene	11.52	112	127827	20.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	48284	20.780	ug/l	100
67) Ethyl Benzene	11.60	91	229605	20.551	ug/l	100
68) m/p-Xylenes	11.70	106	174635	41.248	ug/l	99
69) o-Xylene	12.03	106	80986	20.795	ug/l	99
70) Styrene	12.05	104	137032	20.723	ug/l	99
71) Bromoform	12.21	173	30848	19.918	ug/l #	99
73) Isopropylbenzene	12.33	105	224320	20.745	ug/l	99
74) N-amyl acetate	12.14	43	63267	20.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	46817	20.270	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	36186m	20.660	ug/l	
77) Bromobenzene	12.61	156	55802	20.311	ug/l	98
78) n-propylbenzene	12.67	91	268338	21.068	ug/l	99
79) 2-Chlorotoluene	12.76	91	146972	20.654	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	186484	20.815	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16739	19.947	ug/l	99
82) 4-Chlorotoluene	12.86	91	156333	21.023	ug/l	100
83) tert-Butylbenzene	13.08	119	164316	20.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	187657	20.957	ug/l	100
85) sec-Butylbenzene	13.25	105	226204	21.025	ug/l	99
86) p-Isopropyltoluene	13.37	119	206918	20.737	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	106336	20.777	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	105772	20.784	ug/l	99
89) n-Butylbenzene	13.70	91	193872	21.273	ug/l	99
90) Hexachloroethane	13.96	117	35415	21.089	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	93953	20.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8177	19.557	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	67696	21.050	ug/l	99
94) Hexachlorobutadiene	15.11	225	43957	21.248	ug/l	99
95) Naphthalene	15.24	128	129015	20.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	61013	21.091	ug/l	99

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

