

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001210.D
 Acq On : 15 Jan 2020 12:21
 Operator : SY/MD
 Sample : L1126-04MS
 Misc : 6.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0MS

Quant Time: Jan 16 05:13:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	173521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	308387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	256172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101140	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	90746	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
35) Dibromofluoromethane	7.72	113	84744	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
50) Toluene-d8	10.18	98	337231	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.48	95	113513	39.91	ug/l	0.00
Spiked Amount			Recovery	=	79.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	63709	47.807	ug/l	98
3) Chloromethane	2.12	50	94150	49.014	ug/l	98
4) Vinyl Chloride	2.26	62	99301	51.314	ug/l	98
5) Bromomethane	2.65	94	67200	64.648	ug/l	97
6) Chloroethane	2.80	64	62993	56.345	ug/l	95
7) Trichlorofluoromethane	3.13	101	123367	45.799	ug/l	98
8) Diethyl Ether	3.54	74	53457	51.073	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	77011	44.416	ug/l	99
10) Methyl Iodide	4.10	142	114747	48.350	ug/l	99
11) Tert butyl alcohol	4.96	59	46404	251.658	ug/l	99
12) 1,1-Dichloroethene	3.88	96	83283	46.949	ug/l	97
13) Acrolein	3.74	56	42692	257.181	ug/l	99
14) Allyl chloride	4.49	41	136144	45.474	ug/l	99
15) Acrylonitrile	5.18	53	133743	255.495	ug/l	99
16) Acetone	3.96	43	132922	312.298	ug/l	95
17) Carbon Disulfide	4.20	76	262988	45.807	ug/l	99
18) Methyl Acetate	4.48	43	68026	48.341	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	242978	49.519	ug/l	99
20) Methylene Chloride	4.72	84	102855	52.086	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	96975	48.213	ug/l	97
22) Diisopropyl ether	6.13	45	305090	49.892	ug/l	99
23) Vinyl Acetate	6.07	43	940536	240.498	ug/l	100
24) 1,1-Dichloroethane	6.03	63	166632	49.775	ug/l	99
25) 2-Butanone	7.00	43	189248	285.690	ug/l	99
26) 2,2-Dichloropropane	6.99	77	145117	47.140	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	108620	49.284	ug/l	100
28) Bromochloromethane	7.35	49	75587	54.985	ug/l	100
29) Tetrahydrofuran	7.36	42	115459	254.337	ug/l	98
30) Chloroform	7.52	83	161890	49.354	ug/l	99
31) Cyclohexane	7.79	56	144865	40.870	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	134730	46.292	ug/l	99
36) 1,1-Dichloropropene	7.93	75	124954	44.456	ug/l	99
37) Ethyl Acetate	7.08	43	76445	46.343	ug/l	99
38) Carbon Tetrachloride	7.91	117	113714	44.145	ug/l	99

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39) Methylcyclohexane	9.19	83	137445	36.069	ug/l	99
40) Benzene	8.16	78	392161	47.796	ug/l	99
41) Methacrylonitrile	7.33	41	46719m	60.293	ug/l	
42) 1,2-Dichloroethane	8.25	62	108976	47.434	ug/l	99
43) Isopropyl Acetate	8.28	43	154653	49.029	ug/l	98
44) Trichloroethene	8.94	130	98942	46.279	ug/l	99
45) 1,2-Dichloropropane	9.22	63	99823	49.213	ug/l	97
46) Dibromomethane	9.31	93	53434	48.281	ug/l	99
47) Bromodichloromethane	9.50	83	126713	46.980	ug/l	98
48) Methyl methacrylate	9.30	41	69708	47.756	ug/l	98
49) 1,4-Dioxane	9.30	88	14409	1069.082	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	389069	243.089	ug/l	99
52) Toluene	10.24	92	238911	45.654	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	138914	46.026	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	160787	47.251	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	77340	47.138	ug/l	98
56) Ethyl methacrylate	10.51	69	118433	47.189	ug/l	97
57) 1,3-Dichloropropane	10.79	76	135643	48.157	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	197874	224.167	ug/l	100
59) 2-Hexanone	10.83	43	287488	256.297	ug/l	99
60) Dibromochloromethane	10.99	129	88044	46.607	ug/l	100
61) 1,2-Dibromoethane	11.09	107	73519	45.890	ug/l	99
64) Tetrachloroethene	10.72	164	75737	45.864	ug/l	98
65) Chlorobenzene	11.52	112	239235	46.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	87622	49.667	ug/l	99
67) Ethyl Benzene	11.59	91	430126	45.935	ug/l	100
68) m/p-Xylenes	11.70	106	327216	92.636	ug/l	99
69) o-Xylene	12.03	106	158128	46.691	ug/l	98
70) Styrene	12.04	104	271786	45.738	ug/l	99
71) Bromoform	12.20	173	52049	47.840	ug/l	99
73) Isopropylbenzene	12.33	105	393623	51.769	ug/l	100
74) N-amyl acetate	12.14	43	142927	60.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	93361	58.361	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	63425m	58.580	ug/l	
77) Bromobenzene	12.61	156	90107	53.632	ug/l	98
78) n-propylbenzene	12.67	91	443056	48.444	ug/l	100
79) 2-Chlorotoluene	12.75	91	264344	50.328	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	313390	49.399	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	36269	56.806	ug/l #	99
82) 4-Chlorotoluene	12.85	91	271836	48.478	ug/l	98
83) tert-Butylbenzene	13.07	119	256973	48.206	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	312202	49.555	ug/l	99
85) sec-Butylbenzene	13.25	105	341055	44.473	ug/l	100
86) p-Isopropyltoluene	13.37	119	299025	44.909	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	150948	47.507	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	151324	46.275	ug/l	99
89) n-Butylbenzene	13.69	91	265432	39.580	ug/l	99
90) Hexachloroethane	13.96	117	57549	44.234	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	140277	47.504	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15167	52.560	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	60012	30.845	ug/l	99
94) Hexachlorobutadiene	15.11	225	25507	26.023	ug/l	99
95) Naphthalene	15.23	128	182727	40.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	51097	29.799	ug/l	98

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

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