

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001447.D
 Acq On : 31 Jan 2020 12:11
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:53:09 AM

Quant Time: Jan 31 13:48:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	184861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	319916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	280596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102977	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	7.75	113	97610	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.19	98	396483	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.49	95	145401	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	33475	22.962	ug/l	100
3) Chloromethane	2.13	50	49001	22.239	ug/l	98
4) Vinyl Chloride	2.27	62	52119	22.686	ug/l	91
5) Bromomethane	2.66	94	34149	22.070	ug/l	98
6) Chloroethane	2.81	64	33528	22.839	ug/l	96
7) Trichlorofluoromethane	3.15	101	69459	23.630	ug/l	100
8) Diethyl Ether	3.55	74	27362	22.051	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	45302	24.200	ug/l	99
10) Methyl Iodide	4.11	142	50999	20.656	ug/l	98
11) Tert butyl alcohol	5.00	59	31688	114.819	ug/l	95
12) 1,1-Dichloroethene	3.90	96	45747	23.308	ug/l	94
13) Acrolein	3.76	56	16989	106.455	ug/l	99
14) Allyl chloride	4.51	41	79861	22.816	ug/l	99
15) Acrylonitrile	5.20	53	70382	110.808	ug/l	100
16) Acetone	3.98	43	61086	111.066	ug/l	96
17) Carbon Disulfide	4.22	76	139240	22.556	ug/l	99
18) Methyl Acetate	4.51	43	37249	21.958	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	124485	21.661	ug/l	98
20) Methylene Chloride	4.75	84	55563	19.809	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	51378	22.535	ug/l	93
22) Diisopropyl ether	6.15	45	164539	22.137	ug/l	97
23) Vinyl Acetate	6.10	43	532381	110.330	ug/l	99
24) 1,1-Dichloroethane	6.05	63	89283	22.790	ug/l	98
25) 2-Butanone	7.02	43	96862	110.632	ug/l	99
26) 2,2-Dichloropropane	7.02	77	78792	22.578	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	55462	21.767	ug/l	95
28) Bromochloromethane	7.36	49	30986	19.179	ug/l	99
29) Tetrahydrofuran	7.38	42	62243	109.272	ug/l	98
30) Chloroform	7.53	83	85919	22.374	ug/l	99
31) Cyclohexane	7.81	56	90638	23.302	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	74011	22.826	ug/l	99
36) 1,1-Dichloropropene	7.94	75	70328	23.269	ug/l	99
37) Ethyl Acetate	7.11	43	41503	22.475	ug/l	100
38) Carbon Tetrachloride	7.93	117	63874	23.713	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	92178	23.807	ug/l	97
40) Benzene	8.19	78	209531	23.121	ug/l	98
41) Methacrylonitrile	7.34	41	17499m	18.364	ug/l	
42) 1,2-Dichloroethane	8.26	62	57432	22.681	ug/l	98
43) Isopropyl Acetate	8.30	43	80237	22.346	ug/l	99
44) Trichloroethene	8.96	130	53279	22.910	ug/l	99
45) 1,2-Dichloropropane	9.24	63	53065	23.163	ug/l	97
46) Dibromomethane	9.33	93	27656	22.486	ug/l	96
47) Bromodichloromethane	9.52	83	66030	22.458	ug/l	97
48) Methyl methacrylate	9.31	41	35303	21.627	ug/l	98
49) 1,4-Dioxane	9.32	88	7426	428.160	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	208329	112.662	ug/l	100
52) Toluene	10.26	92	131431	22.879	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	73791	22.644	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	85180	22.773	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	40658	22.397	ug/l	97
56) Ethyl methacrylate	10.52	69	61386	22.373	ug/l	98
57) 1,3-Dichloropropane	10.80	76	72022	22.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	100561	105.919	ug/l	100
59) 2-Hexanone	10.85	43	148161	115.092	ug/l	100
60) Dibromochloromethane	11.00	129	45287	22.305	ug/l	99
61) 1,2-Dibromoethane	11.10	107	39392	22.954	ug/l	99
64) Tetrachloroethene	10.73	164	41219	22.997	ug/l	94
65) Chlorobenzene	11.53	112	136713	23.115	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	47225	23.397	ug/l	99
67) Ethyl Benzene	11.61	91	256436	23.527	ug/l	99
68) m/p-Xylenes	11.71	106	191252	46.979	ug/l	99
69) o-Xylene	12.04	106	91429	23.346	ug/l	99
70) Styrene	12.05	104	157740	22.956	ug/l	99
71) Bromoform	12.22	173	26357	21.875	ug/l #	99
73) Isopropylbenzene	12.34	105	244816	22.970	ug/l	100
74) N-amyl acetate	12.16	43	77114	22.104	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	51620	22.615	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	42905m	26.361	ug/l	
77) Bromobenzene	12.62	156	52904	22.411	ug/l	100
78) n-propylbenzene	12.68	91	295166	23.009	ug/l	99
79) 2-Chlorotoluene	12.77	91	166861	22.768	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	204182	22.951	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	19042	22.140	ug/l	96
82) 4-Chlorotoluene	12.86	91	176626	22.563	ug/l	99
83) tert-Butylbenzene	13.08	119	175675	23.426	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	203641	22.800	ug/l	98
85) sec-Butylbenzene	13.27	105	249811	23.446	ug/l	100
86) p-Isopropyltoluene	13.38	119	218406	23.261	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	104370	22.957	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	103662	22.456	ug/l	99
89) n-Butylbenzene	13.70	91	220922	23.379	ug/l	99
90) Hexachloroethane	13.97	117	40332	22.662	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	93796	22.370	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8398	21.322	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	62028	22.042	ug/l	99
94) Hexachlorobutadiene	15.12	225	30891	22.545	ug/l	99
95) Naphthalene	15.25	128	142337	22.120	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	53951	21.855	ug/l	99

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

