

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003032.D
 Acq On : 30 Jun 2020 13:50
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Manual Integrations
 APPROVED

sam
 7/1/2020 10:11:35 PM

Quant Time: Jul 01 06:11:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	503663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	732012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	663648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	354220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	256915	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	7.72	113	248296	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.18	98	931410	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
62) 4-Bromofluorobenzene	12.48	95	327117	54.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	70675	18.529	ug/l	99
3) Chloromethane	2.12	50	93478	16.735	ug/l	99
4) Vinyl Chloride	2.26	62	109087	20.021	ug/l	99
5) Bromomethane	2.65	94	76789	20.757	ug/l	97
6) Chloroethane	2.80	64	69526	20.059	ug/l	99
7) Trichlorofluoromethane	3.13	101	151017	19.638	ug/l	97
8) Diethyl Ether	3.53	74	49910	18.932	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	94853	20.657	ug/l	99
10) Methyl Iodide	4.10	142	116113	20.393	ug/l	97
11) Tert butyl alcohol	4.97	59	52394	102.773	ug/l	98
12) 1,1-Dichloroethene	3.88	96	88572	20.273	ug/l	88
13) Acrolein	3.74	56	43787	95.631	ug/l	100
14) Allyl chloride	4.49	41	143263	18.781	ug/l	99
15) Acrylonitrile	5.18	53	124920	91.940	ug/l	99
16) Acetone	3.96	43	107143	90.814	ug/l	98
17) Carbon Disulfide	4.20	76	274776	19.685	ug/l	98
18) Methyl Acetate	4.49	43	56790	17.867	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	252943	19.862	ug/l	98
20) Methylene Chloride	4.72	84	131337	20.888	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	100750	20.387	ug/l	96
22) Diisopropyl ether	6.13	45	307897	18.833	ug/l	99
23) Vinyl Acetate	6.07	43	1010902	92.485	ug/l	99
24) 1,1-Dichloroethane	6.02	63	175141	19.611	ug/l	99
25) 2-Butanone	6.99	43	170197	90.814	ug/l	98
26) 2,2-Dichloropropane	6.99	77	165922	20.449	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	110101	19.863	ug/l	100
28) Bromochloromethane	7.34	49	69546	17.502	ug/l	91
29) Tetrahydrofuran	7.35	42	111896	89.783	ug/l	95
30) Chloroform	7.52	83	176081	19.902	ug/l	98
31) Cyclohexane	7.79	56	167917	19.086	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	164297	20.344	ug/l	99
36) 1,1-Dichloropropene	7.92	75	140646	19.947	ug/l	99
37) Ethyl Acetate	7.08	43	80647	19.023	ug/l	99
38) Carbon Tetrachloride	7.91	117	149803	20.420	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	176285	20.165	ug/l	99
40) Benzene	8.17	78	392782	20.347	ug/l	98
41) Methacrylonitrile	7.33	41	48364m	21.356	ug/l	
42) 1,2-Dichloroethane	8.24	62	120752	19.773	ug/l	100
43) Isopropyl Acetate	8.28	43	149081	18.498	ug/l	96
44) Trichloroethene	8.94	130	116627	20.786	ug/l	99
45) 1,2-Dichloropropane	9.22	63	101798	19.601	ug/l	98
46) Dibromomethane	9.30	93	55903	19.273	ug/l	97
47) Bromodichloromethane	9.50	83	142479	20.060	ug/l	98
48) Methyl methacrylate	9.30	41	68942	18.793	ug/l	96
49) 1,4-Dioxane	9.30	88	14669	414.286	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	385408	92.522	ug/l	98
52) Toluene	10.25	92	248258	20.430	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	145984	19.604	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	168994	19.844	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	82900	20.567	ug/l	96
56) Ethyl methacrylate	10.51	69	112629	19.304	ug/l	96
57) 1,3-Dichloropropane	10.79	76	140976	19.923	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	263949	88.206	ug/l	98
59) 2-Hexanone	10.83	43	275248	94.535	ug/l	99
60) Dibromochloromethane	10.99	129	102247	19.822	ug/l	99
61) 1,2-Dibromoethane	11.09	107	78317	19.709	ug/l	98
64) Tetrachloroethene	10.72	164	115562	20.575	ug/l	93
65) Chlorobenzene	11.52	112	270873	20.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	103390	20.237	ug/l	100
67) Ethyl Benzene	11.59	91	487924	20.381	ug/l	99
68) m/p-Xylenes	11.70	106	367803	41.280	ug/l	98
69) o-Xylene	12.03	106	172427	20.537	ug/l	97
70) Styrene	12.04	104	298247	20.793	ug/l	99
71) Bromoform	12.21	173	68418	20.083	ug/l #	98
73) Isopropylbenzene	12.33	105	480928	20.746	ug/l	99
74) N-amyl acetate	12.14	43	140999	18.683	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	92289	19.727	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	70222m	20.031	ug/l	
77) Bromobenzene	12.61	156	120224	20.226	ug/l	98
78) n-propylbenzene	12.67	91	574945	20.622	ug/l	100
79) 2-Chlorotoluene	12.75	91	319663	20.541	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	398760	20.498	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	34371	19.075	ug/l	96
82) 4-Chlorotoluene	12.85	91	337615	20.837	ug/l	100
83) tert-Butylbenzene	13.08	119	348541	20.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	401389	20.477	ug/l	100
85) sec-Butylbenzene	13.25	105	486882	20.680	ug/l	99
86) p-Isopropyltoluene	13.37	119	449740	20.615	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	227367	20.489	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	226675	20.715	ug/l	99
89) n-Butylbenzene	13.70	91	434954	20.838	ug/l	99
90) Hexachloroethane	13.96	117	88532	20.436	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	204409	20.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16074	19.409	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	154735	20.915	ug/l	99
94) Hexachlorobutadiene	15.11	225	101901	21.836	ug/l	98
95) Naphthalene	15.23	128	275616	20.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	133850	20.835	ug/l	99

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

