

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003008.D
 Acq On : 29 Jun 2020 15:55
 Operator : SY/MD
 Sample : VY0629SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:16 PM

Quant Time: Jun 30 06:22:35 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	462535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	684247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	633390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	334702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	242893	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
35) Dibromofluoromethane	7.72	113	220467	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.18	98	814241	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.48	95	292001	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	71759	20.485	ug/l	95
3) Chloromethane	2.11	50	97933	19.092	ug/l	100
4) Vinyl Chloride	2.26	62	107834	21.551	ug/l	99
5) Bromomethane	2.64	94	77620	22.848	ug/l	97
6) Chloroethane	2.79	64	68576	21.544	ug/l	99
7) Trichlorofluoromethane	3.13	101	150972	21.377	ug/l	99
8) Diethyl Ether	3.54	74	54263	22.413	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	92968	22.047	ug/l	99
10) Methyl Iodide	4.10	142	110639	21.159	ug/l	100
11) Tert butyl alcohol	4.96	59	69079	147.550	ug/l	98
12) 1,1-Dichloroethene	3.88	96	85861	21.400	ug/l	100
13) Acrolein	3.74	56	52404	124.627	ug/l	99
14) Allyl chloride	4.49	41	153484	21.910	ug/l	98
15) Acrylonitrile	5.18	53	153036	122.648	ug/l	100
16) Acetone	3.96	43	127103	117.312	ug/l	98
17) Carbon Disulfide	4.20	76	275626	21.502	ug/l	100
18) Methyl Acetate	4.48	43	70631	24.197	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	272326	23.286	ug/l	98
20) Methylene Chloride	4.73	84	125170	21.983	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	100162	22.070	ug/l	94
22) Diisopropyl ether	6.13	45	332924	22.174	ug/l	99
23) Vinyl Acetate	6.07	43	1172534	116.811	ug/l	100
24) 1,1-Dichloroethane	6.03	63	179670	21.907	ug/l	98
25) 2-Butanone	7.00	43	216944	126.051	ug/l	96
26) 2,2-Dichloropropane	6.99	77	165891	22.263	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	111512	21.907	ug/l	98
28) Bromochloromethane	7.34	49	75707	20.746	ug/l	97
29) Tetrahydrofuran	7.35	42	144566	126.311	ug/l	99
30) Chloroform	7.51	83	180096	22.165	ug/l	99
31) Cyclohexane	7.79	56	173192	21.436	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	161548	21.782	ug/l	100
36) 1,1-Dichloropropene	7.92	75	142836	21.672	ug/l	99
37) Ethyl Acetate	7.08	43	98685	24.903	ug/l	100
38) Carbon Tetrachloride	7.91	117	148135	21.602	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	175700	21.501	ug/l	99
40) Benzene	8.17	78	395035	21.893	ug/l	97
41) Methacrylonitrile	7.32	41	39120m	18.480	ug/l	
42) 1,2-Dichloroethane	8.24	62	128931	22.586	ug/l	100
43) Isopropyl Acetate	8.28	43	182049	24.165	ug/l	99
44) Trichloroethene	8.94	130	113822	21.703	ug/l	98
45) 1,2-Dichloropropane	9.22	63	107108	22.063	ug/l	97
46) Dibromomethane	9.31	93	61030	22.509	ug/l	98
47) Bromodichloromethane	9.50	83	147763	22.257	ug/l	96
48) Methyl methacrylate	9.30	41	81978	23.907	ug/l	99
49) 1,4-Dioxane	9.30	88	17757	536.507	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	481353	123.622	ug/l	100
52) Toluene	10.24	92	247464	21.786	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	155874	22.394	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	175658	22.066	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	88756	23.557	ug/l	98
56) Ethyl methacrylate	10.51	69	129042	23.660	ug/l	98
57) 1,3-Dichloropropane	10.79	76	153041	23.138	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	292533	104.582	ug/l	100
59) 2-Hexanone	10.83	43	342775	125.946	ug/l	99
60) Dibromochloromethane	10.99	129	107669	22.330	ug/l	99
61) 1,2-Dibromoethane	11.09	107	84134	22.651	ug/l	98
64) Tetrachloroethene	10.72	164	114003	21.267	ug/l	92
65) Chlorobenzene	11.52	112	268601	21.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	105322	21.600	ug/l	99
67) Ethyl Benzene	11.59	91	490451	21.466	ug/l	100
68) m/p-Xylenes	11.70	106	372136	43.762	ug/l	98
69) o-Xylene	12.03	106	175653	21.920	ug/l	97
70) Styrene	12.05	104	300356	21.940	ug/l	99
71) Bromoform	12.20	173	76323	23.474	ug/l #	97
73) Isopropylbenzene	12.33	105	471069	21.505	ug/l	100
74) N-amyl acetate	12.14	43	168973	23.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	102572	23.204	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	78201m	23.608	ug/l	
77) Bromobenzene	12.61	156	120281	21.416	ug/l	95
78) n-propylbenzene	12.67	91	569665	21.624	ug/l	100
79) 2-Chlorotoluene	12.75	91	319758	21.746	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	402654	21.906	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	39084	22.956	ug/l	99
82) 4-Chlorotoluene	12.85	91	331978	21.684	ug/l	100
83) tert-Butylbenzene	13.07	119	353991	21.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	400096	21.601	ug/l	100
85) sec-Butylbenzene	13.25	105	484880	21.795	ug/l	99
86) p-Isopropyltoluene	13.37	119	444876	21.581	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	229741	21.910	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	225491	21.809	ug/l	98
89) n-Butylbenzene	13.70	91	431217	21.863	ug/l	100
90) Hexachloroethane	13.96	117	88868	21.710	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	206335	21.932	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20174	25.781	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	159893	22.873	ug/l	99
94) Hexachlorobutadiene	15.11	225	97165	22.036	ug/l	99
95) Naphthalene	15.23	128	310783	24.340	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	137673	22.680	ug/l	100

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

