

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003105.D
 Acq On : 06 Jul 2020 11:45
 Operator : SY/MD
 Sample : VY0706SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 11:12:02 AM

Quant Time: Jul 07 07:50:51 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	431696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	632631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	573531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	209749	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	7.72	113	203557	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.18	98	747636	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.48	95	265403	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	60265	18.433	ug/l	97
3) Chloromethane	2.12	50	86473	18.062	ug/l	97
4) Vinyl Chloride	2.26	62	93362	19.992	ug/l	97
5) Bromomethane	2.64	94	71399	22.518	ug/l	94
6) Chloroethane	2.79	64	62742	21.119	ug/l	100
7) Trichlorofluoromethane	3.13	101	136837	20.760	ug/l	98
8) Diethyl Ether	3.53	74	48067	21.272	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	84965	21.589	ug/l	97
10) Methyl Iodide	4.10	142	98389	20.161	ug/l	99
11) Tert butyl alcohol	4.96	59	48602	111.228	ug/l	98
12) 1,1-Dichloroethene	3.88	96	78259	20.899	ug/l	92
13) Acrolein	3.73	56	36154	92.124	ug/l	100
14) Allyl chloride	4.49	41	126068	19.282	ug/l	98
15) Acrylonitrile	5.18	53	119441	102.562	ug/l	99
16) Acetone	3.95	43	103327	102.180	ug/l	99
17) Carbon Disulfide	4.20	76	239837	20.046	ug/l	98
18) Methyl Acetate	4.48	43	54267	19.919	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	230101	21.081	ug/l	97
20) Methylene Chloride	4.72	84	98666	17.307	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	87910	20.754	ug/l	96
22) Diisopropyl ether	6.13	45	279587	19.952	ug/l	98
23) Vinyl Acetate	6.07	43	930648	99.337	ug/l	99
24) 1,1-Dichloroethane	6.03	63	159273	20.807	ug/l	99
25) 2-Butanone	7.00	43	167123	104.040	ug/l	100
26) 2,2-Dichloropropane	6.99	77	144775	20.817	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	101287	21.320	ug/l	96
28) Bromochloromethane	7.34	49	65052	19.100	ug/l	95
29) Tetrahydrofuran	7.36	42	107976	101.081	ug/l	96
30) Chloroform	7.52	83	154924	20.429	ug/l	99
31) Cyclohexane	7.79	56	148028	19.630	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	144337	20.852	ug/l	99
36) 1,1-Dichloropropene	7.93	75	123504	20.267	ug/l	98
37) Ethyl Acetate	7.08	43	72387	19.757	ug/l	98
38) Carbon Tetrachloride	7.91	117	131869	20.799	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	158010	20.914	ug/l	98
40) Benzene	8.17	78	346529	20.771	ug/l	98
41) Methacrylonitrile	7.33	41	43460m	22.205	ug/l	
42) 1,2-Dichloroethane	8.24	62	109729	20.791	ug/l	99
43) Isopropyl Acetate	8.28	43	140092	20.113	ug/l	97
44) Trichloroethene	8.94	130	103534	21.352	ug/l	100
45) 1,2-Dichloropropane	9.22	63	92275	20.559	ug/l	96
46) Dibromomethane	9.31	93	51477	20.535	ug/l	96
47) Bromodichloromethane	9.50	83	127424	20.759	ug/l	99
48) Methyl methacrylate	9.30	41	61455	19.384	ug/l	95
49) 1,4-Dioxane	9.30	88	14394	470.381	ug/l	87
51) 4-Methyl-2-Pentanone	10.07	43	367311	102.030	ug/l	98
52) Toluene	10.25	92	222060	21.144	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	133124	20.686	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	151911	20.640	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	74172	21.293	ug/l	96
56) Ethyl methacrylate	10.51	69	105195	20.862	ug/l	98
57) 1,3-Dichloropropane	10.79	76	128317	20.983	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	238279	92.137	ug/l	98
59) 2-Hexanone	10.83	43	260327	103.456	ug/l	100
60) Dibromochloromethane	10.99	129	94917	21.292	ug/l	100
61) 1,2-Dibromoethane	11.09	107	71714	20.882	ug/l	98
64) Tetrachloroethene	10.72	164	104599	21.549	ug/l	97
65) Chlorobenzene	11.52	112	240465	21.263	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	95566	21.644	ug/l	99
67) Ethyl Benzene	11.59	91	437813	21.162	ug/l	99
68) m/p-Xylenes	11.70	106	327624	42.548	ug/l	98
69) o-Xylene	12.03	106	154824	21.338	ug/l	97
70) Styrene	12.04	104	265700	21.434	ug/l	98
71) Bromoform	12.20	173	63175	21.458	ug/l	# 99
73) Isopropylbenzene	12.33	105	426280	21.283	ug/l	99
74) N-amyl acetate	12.14	43	130472	20.010	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	87734	21.706	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	63223m	20.873	ug/l	
77) Bromobenzene	12.61	156	109572	21.336	ug/l	98
78) n-propylbenzene	12.67	91	512383	21.271	ug/l	100
79) 2-Chlorotoluene	12.75	91	283192	21.062	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	355962	21.179	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	31830	20.446	ug/l	98
82) 4-Chlorotoluene	12.85	91	294000	21.002	ug/l	98
83) tert-Butylbenzene	13.07	119	316162	21.423	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	361781	21.361	ug/l	99
85) sec-Butylbenzene	13.25	105	436118	21.439	ug/l	100
86) p-Isopropyltoluene	13.37	119	399964	21.219	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	205333	21.416	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	205300	21.715	ug/l	98
89) n-Butylbenzene	13.70	91	388136	21.522	ug/l	100
90) Hexachloroethane	13.96	117	79142	21.144	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	186906	21.727	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14899	20.822	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	141410	22.123	ug/l	98
94) Hexachlorobutadiene	15.11	225	88393	21.923	ug/l	98
95) Naphthalene	15.23	128	250778	21.479	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	120140	21.645	ug/l	100

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

