

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017088.D
 Acq On : 01 Jul 2020 11:17
 Operator : JC/SP
 Sample : VX0701WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:15:55 AM

Quant Time: Jul 02 01:56:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	393901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153070	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	5.46	113	127202	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	8.70	98	470244	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.12	95	178521	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	49614	19.262	ug/l	97
3) Chloromethane	1.32	50	53100	17.031	ug/l	99
4) Vinyl Chloride	1.39	62	50975	17.621	ug/l	100
5) Bromomethane	1.63	94	35015	22.910	ug/l	99
6) Chloroethane	1.72	64	30783	18.018	ug/l	96
7) Trichlorofluoromethane	1.92	101	83293	19.469	ug/l	98
8) Diethyl Ether	2.17	74	28852	20.262	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45767	17.848	ug/l	98
10) Methyl Iodide	2.49	142	55525	16.781	ug/l	98
11) Tert butyl alcohol	3.00	59	53699	85.758	ug/l	98
12) 1,1-Dichloroethene	2.36	96	42890	16.282	ug/l	98
13) Acrolein	2.27	56	32041	85.600	ug/l	98
14) Allyl chloride	2.71	41	84706	17.400	ug/l	98
15) Acrylonitrile	3.11	53	131254	87.196	ug/l	99
16) Acetone	2.42	43	103056	83.930	ug/l	98
17) Carbon Disulfide	2.55	76	137498	18.720	ug/l	100
18) Methyl Acetate	2.75	43	56316	17.569	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	162883	18.424	ug/l	95
20) Methylene Chloride	2.83	84	56824	19.704	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	54139	18.520	ug/l	98
22) Diisopropyl ether	3.82	45	170100	18.879	ug/l	91
23) Vinyl Acetate	3.78	43	723394	93.432	ug/l	100
24) 1,1-Dichloroethane	3.67	63	94903	18.512	ug/l	98
25) 2-Butanone	4.63	43	174306	85.195	ug/l	99
26) 2,2-Dichloropropane	4.55	77	84853	18.641	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	59398	17.933	ug/l	99
28) Bromochloromethane	4.98	49	43863	17.582	ug/l	99
29) Tetrahydrofuran	5.09	42	116090	85.877	ug/l	99
30) Chloroform	5.17	83	97706	18.592	ug/l	100
31) Cyclohexane	5.54	56	80132	18.083	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	89399	18.471	ug/l	98
36) 1,1-Dichloropropene	5.77	75	71296	19.151	ug/l	99
37) Ethyl Acetate	4.79	43	71081	18.818	ug/l	98
38) Carbon Tetrachloride	5.75	117	82969	20.234	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	80571	19.452	ug/l	96
40) Benzene	6.11	78	211608	19.346	ug/l	99
41) Methacrylonitrile	5.00	41	39800	18.721	ug/l	98
42) 1,2-Dichloroethane	6.16	62	79346	20.082	ug/l	99
43) Isopropyl Acetate	6.41	43	115611	18.419	ug/l	99
44) Trichloroethene	7.18	130	61758	20.276	ug/l	98
45) 1,2-Dichloropropane	7.49	63	54987	19.572	ug/l	97
46) Dibromomethane	7.63	93	38130	19.880	ug/l	98
47) Bromodichloromethane	7.87	83	78280	19.804	ug/l	98
48) Methyl methacrylate	7.74	41	56720	19.021	ug/l	99
49) 1,4-Dioxane	7.71	88	24208	358.336	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	359246	96.016	ug/l	100
52) Toluene	8.76	92	135806	19.886	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	85208	19.538	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	92279	19.738	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54980	19.704	ug/l	98
56) Ethyl methacrylate	9.16	69	75501	19.011	ug/l	99
57) 1,3-Dichloropropane	9.35	76	91036	19.282	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	184288	93.237	ug/l	99
59) 2-Hexanone	9.47	43	261112	95.556	ug/l	100
60) Dibromochloromethane	9.56	129	62643	19.330	ug/l	98
61) 1,2-Dibromoethane	9.65	107	57636	19.217	ug/l	99
64) Tetrachloroethene	9.32	164	63227	21.103	ug/l	96
65) Chlorobenzene	10.12	112	145486	18.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	57885	19.603	ug/l	99
67) Ethyl Benzene	10.23	91	247479	19.341	ug/l	99
68) m/p-Xylenes	10.34	106	195646	39.821	ug/l	98
69) o-Xylene	10.68	106	90999	19.470	ug/l	99
70) Styrene	10.70	104	158859	19.959	ug/l	99
71) Bromoform	10.84	173	46645	19.920	ug/l #	99
73) Isopropylbenzene	11.00	105	247561	19.271	ug/l	99
74) N-amyl acetate	10.88	43	98220	17.919	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	75772	18.752	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	73993m	19.186	ug/l	
77) Bromobenzene	11.24	156	68352	19.360	ug/l	98
78) n-propylbenzene	11.34	91	287380	19.783	ug/l	100
79) 2-Chlorotoluene	11.40	91	172639	19.636	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	208153	19.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26390	17.720	ug/l	90
82) 4-Chlorotoluene	11.49	91	206634	19.661	ug/l	99
83) tert-Butylbenzene	11.76	119	201387	19.253	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	212589	19.666	ug/l	99
85) sec-Butylbenzene	11.93	105	239508	19.479	ug/l	99
86) p-Isopropyltoluene	12.05	119	223897	19.561	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	118548	18.488	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	121987	20.058	ug/l	99
89) n-Butylbenzene	12.37	91	187562	18.352	ug/l	99
90) Hexachloroethane	12.58	117	41876	18.552	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	113429	18.924	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16551	17.170	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74067	18.105	ug/l	99
94) Hexachlorobutadiene	13.76	225	32028	21.124	ug/l	97
95) Naphthalene	13.82	128	227561	18.296	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	73962	18.681	ug/l	99

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

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