

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022720\
 Data File : VX015035.D
 Acq On : 27 Feb 2020 09:54
 Operator : JC/SP
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 11:37:15 AM

Quant Time: Feb 27 10:56:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	395396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	580600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	549038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	206489	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	5.49	113	176016	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	689917	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	279859	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	74486	19.892	ug/l	98
3) Chloromethane	1.32	50	93586	22.045	ug/l	98
4) Vinyl Chloride	1.41	62	93517	20.449	ug/l	100
5) Bromomethane	1.64	94	53181	17.965	ug/l	97
6) Chloroethane	1.72	64	54966	18.784	ug/l	96
7) Trichlorofluoromethane	1.93	101	111287	17.417	ug/l	98
8) Diethyl Ether	2.18	74	47928	18.089	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71119	19.175	ug/l	99
10) Methyl Iodide	2.51	142	61448	17.932	ug/l	99
11) Tert butyl alcohol	3.02	59	79430	100.814	ug/l	99
12) 1,1-Dichloroethene	2.37	96	67109	18.517	ug/l	96
13) Acrolein	2.28	56	47256	78.694	ug/l	93
14) Allyl chloride	2.72	41	123936	19.288	ug/l	92
15) Acrylonitrile	3.13	53	212614	106.447	ug/l	99
16) Acetone	2.43	43	216479	83.011	ug/l	95
17) Carbon Disulfide	2.56	76	163625	16.159	ug/l	99
18) Methyl Acetate	2.76	43	104394	23.228	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	226694	19.220	ug/l	99
20) Methylene Chloride	2.85	84	76647	17.855	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	71002	17.755	ug/l	96
22) Diisopropyl ether	3.84	45	253015	20.617	ug/l	91
23) Vinyl Acetate	3.80	43	1047844	103.576	ug/l	99
24) 1,1-Dichloroethane	3.69	63	134227	19.380	ug/l	99
25) 2-Butanone	4.65	43	306742	100.970	ug/l	99
26) 2,2-Dichloropropane	4.57	77	103567	17.351	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	83984	18.787	ug/l	98
28) Bromochloromethane	5.00	49	58577	21.819	ug/l	97
29) Tetrahydrofuran	5.11	42	189227	109.571	ug/l	96
30) Chloroform	5.20	83	129542	18.851	ug/l	99
31) Cyclohexane	5.57	56	119021	18.867	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	108191	17.998	ug/l	99
36) 1,1-Dichloropropene	5.79	75	97756	18.822	ug/l	99
37) Ethyl Acetate	4.81	43	113306	20.917	ug/l	99
38) Carbon Tetrachloride	5.78	117	92994	18.373	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	121253	18.668	ug/l	98
40) Benzene	6.14	78	301818	19.450	ug/l	99
41) Methacrylonitrile	5.03	41	62955	21.573	ug/l	97
42) 1,2-Dichloroethane	6.18	62	102556	18.286	ug/l	94
43) Isopropyl Acetate	6.43	43	182365	20.408	ug/l	100
44) Trichloroethene	7.20	130	84717	18.806	ug/l	98
45) 1,2-Dichloropropane	7.50	63	81405	20.570	ug/l	99
46) Dibromomethane	7.65	93	51979	19.215	ug/l	99
47) Bromodichloromethane	7.89	83	101797	18.979	ug/l	95
48) Methyl methacrylate	7.76	41	89934	20.451	ug/l	96
49) 1,4-Dioxane	7.73	88	35301	429.338	ug/l	90
51) 4-Methyl-2-Pentanone	8.63	43	583661	108.172	ug/l	99
52) Toluene	8.78	92	192437	19.525	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	109084	18.557	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	125291	19.294	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	81200	20.363	ug/l	98
56) Ethyl methacrylate	9.17	69	120081	20.035	ug/l	98
57) 1,3-Dichloropropane	9.36	76	133955	19.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	303017	96.671	ug/l	98
59) 2-Hexanone	9.48	43	447629	105.546	ug/l	99
60) Dibromochloromethane	9.57	129	83583	19.478	ug/l	98
61) 1,2-Dibromoethane	9.67	107	82163	19.097	ug/l	99
64) Tetrachloroethene	9.33	164	87770	17.098	ug/l	94
65) Chlorobenzene	10.13	112	213007	19.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	79056	19.555	ug/l	98
67) Ethyl Benzene	10.25	91	370145	19.544	ug/l	98
68) m/p-Xylenes	10.35	106	287408	39.393	ug/l	97
69) o-Xylene	10.70	106	140096	19.976	ug/l	98
70) Styrene	10.71	104	240634	20.282	ug/l	99
71) Bromoform	10.85	173	68809	20.391	ug/l #	100
73) Isopropylbenzene	11.01	105	404864	20.207	ug/l	100
74) N-amyl acetate	10.89	43	166607	20.013	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	138977	21.219	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	130947m	22.665	ug/l	
77) Bromobenzene	11.25	156	108607	19.421	ug/l	97
78) n-propylbenzene	11.35	91	460531	19.873	ug/l	100
79) 2-Chlorotoluene	11.42	91	273268	20.058	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	333875	19.943	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42668	18.904	ug/l	96
82) 4-Chlorotoluene	11.51	91	312771	19.386	ug/l	100
83) tert-Butylbenzene	11.76	119	325681	20.543	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	342191	20.282	ug/l	99
85) sec-Butylbenzene	11.94	105	400912	20.357	ug/l	98
86) p-Isopropyltoluene	12.06	119	363936	19.747	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187203	18.660	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	192773	18.816	ug/l	99
89) n-Butylbenzene	12.39	91	311165	18.852	ug/l	99
90) Hexachloroethane	12.59	117	62342	19.370	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188746	19.184	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28312	18.425	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132435	18.237	ug/l	98
94) Hexachlorobutadiene	13.78	225	68031	19.369	ug/l	98
95) Naphthalene	13.83	128	374270	19.384	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	131933	18.805	ug/l	99

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

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