

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011720\
 Data File : VX014647.D
 Acq On : 17 Jan 2020 12:05
 Operator : JC/SP
 Sample : VX0117WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:19:45 AM

Quant Time: Jan 18 05:34:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	463834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	690821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	616331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	313800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	265360	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	5.48	113	216736	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	8.71	98	827592	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.13	95	296239	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	108526	19.003	ug/l 99
3) Chloromethane	1.32	50	113409	19.181	ug/l 97
4) Vinyl Chloride	1.40	62	129700	19.686	ug/l 99
5) Bromomethane	1.63	94	74380	17.032	ug/l 97
6) Chloroethane	1.72	64	72375	19.370	ug/l 97
7) Trichlorofluoromethane	1.92	101	142120	19.016	ug/l 100
8) Diethyl Ether	2.18	74	65086	19.089	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86390	19.000	ug/l 98
10) Methyl Iodide	2.50	142	98198	18.036	ug/l 99
11) Tert butyl alcohol	3.02	59	104808	96.941	ug/l 97
12) 1,1-Dichloroethene	2.36	96	83047	18.128	ug/l 96
13) Acrolein	2.28	56	60200	69.469	ug/l 97
14) Allyl chloride	2.72	41	151253	18.806	ug/l 99
15) Acrylonitrile	3.13	53	255422	97.886	ug/l 98
16) Acetone	2.43	43	205479	76.241	ug/l 98
17) Carbon Disulfide	2.56	76	213020	16.665	ug/l 100
18) Methyl Acetate	2.76	43	154751	20.794	ug/l 97
19) Methyl tert-butyl Ether	3.18	73	288252	19.601	ug/l 99
20) Methylene Chloride	2.84	84	98910	18.988	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	92017	18.399	ug/l 94
22) Diisopropyl ether	3.84	45	318315	20.480	ug/l 95
23) Vinyl Acetate	3.80	43	1182120	98.234	ug/l 100
24) 1,1-Dichloroethane	3.69	63	166588	19.702	ug/l 98
25) 2-Butanone	4.65	43	349142	90.269	ug/l 97
26) 2,2-Dichloropropane	4.57	77	135031	18.852	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	105351	18.844	ug/l 97
28) Bromochloromethane	5.00	49	69521	19.513	ug/l 95
29) Tetrahydrofuran	5.11	42	225653	98.676	ug/l 99
30) Chloroform	5.20	83	163886	19.835	ug/l 95
31) Cyclohexane	5.57	56	153399	19.382	ug/l 95
32) 1,1,1-Trichloroethane	5.48	97	137308	19.415	ug/l 99
36) 1,1-Dichloropropene	5.79	75	123761	19.050	ug/l 99
37) Ethyl Acetate	4.81	43	134762	19.097	ug/l 99
38) Carbon Tetrachloride	5.78	117	115980	19.400	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	153550	18.813	ug/l	96
40) Benzene	6.13	78	380368	19.727	ug/l	98
41) Methacrylonitrile	5.02	41	75632	20.098	ug/l	99
42) 1,2-Dichloroethane	6.18	62	131482	19.503	ug/l	98
43) Isopropyl Acetate	6.43	43	225273	19.762	ug/l	99
44) Trichloroethene	7.20	130	106391	19.200	ug/l	95
45) 1,2-Dichloropropane	7.51	63	99201	20.180	ug/l	97
46) Dibromomethane	7.65	93	62483	18.211	ug/l	98
47) Bromodichloromethane	7.89	83	123067	19.712	ug/l	99
48) Methyl methacrylate	7.76	41	109171	19.996	ug/l	98
49) 1,4-Dioxane	7.73	88	46505	401.994	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	706338	101.683	ug/l	98
52) Toluene	8.78	92	241009	19.526	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	136681	18.805	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	152791	19.460	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96836	19.532	ug/l	98
56) Ethyl methacrylate	9.17	69	147554	19.427	ug/l	98
57) 1,3-Dichloropropane	9.36	76	165950	20.020	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	250069	96.768	ug/l	99
59) 2-Hexanone	9.48	43	536072	97.532	ug/l	100
60) Dibromochloromethane	9.57	129	100019	20.072	ug/l	98
61) 1,2-Dibromoethane	9.67	107	102433	19.505	ug/l	97
64) Tetrachloroethene	9.33	164	116079	18.792	ug/l	97
65) Chlorobenzene	10.13	112	254630	19.037	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	92206	19.317	ug/l	98
67) Ethyl Benzene	10.25	91	447264	19.619	ug/l	100
68) m/p-Xylenes	10.35	106	344385	39.156	ug/l	98
69) o-Xylene	10.69	106	164380	19.588	ug/l	99
70) Styrene	10.71	104	281691	19.451	ug/l	100
71) Bromoform	10.85	173	73624	18.852	ug/l #	100
73) Isopropylbenzene	11.01	105	445571	20.221	ug/l	99
74) N-amyl acetate	10.89	43	186600	19.194	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	143254	20.272	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	123092m	18.959	ug/l	
77) Bromobenzene	11.25	156	114215	18.690	ug/l	98
78) n-propylbenzene	11.35	91	500323	19.826	ug/l	100
79) 2-Chlorotoluene	11.42	91	301011	20.013	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	368851	20.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43641	17.771	ug/l	88
82) 4-Chlorotoluene	11.51	91	340073	19.262	ug/l	97
83) tert-Butylbenzene	11.76	119	342132	19.792	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	372021	20.124	ug/l	100
85) sec-Butylbenzene	11.94	105	425081	19.781	ug/l	99
86) p-Isopropyltoluene	12.06	119	391946	19.655	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	202085	18.427	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	202059	19.251	ug/l	97
89) n-Butylbenzene	12.39	91	336751	18.470	ug/l	99
90) Hexachloroethane	12.59	117	67068	19.148	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	203414	18.931	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30092	18.931	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136325	18.006	ug/l	100
94) Hexachlorobutadiene	13.78	225	68774	19.509	ug/l	98
95) Naphthalene	13.83	128	392580	16.772	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	138828	18.588	ug/l	100

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

