

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011622.D
 Acq On : 19 Aug 2019 11:24
 Operator : JC/SP
 Sample : VX0819WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 3:41:16 PM

Quant Time: Aug 20 10:08:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	379132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	505634	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	453780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	239121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	150641	42.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.70%	
35) Dibromofluoromethane	5.48	113	142072	42.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	85.92%	
50) Toluene-d8	8.71	98	459200	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
62) 4-Bromofluorobenzene	11.13	95	192808	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	77046	20.674	ug/l	99
3) Chloromethane	1.32	50	62797	16.224	ug/l	100
4) Vinyl Chloride	1.40	62	63818	18.252	ug/l	97
5) Bromomethane	1.63	94	32834	20.958	ug/l	97
6) Chloroethane	1.71	64	31616	19.105	ug/l	98
7) Trichlorofluoromethane	1.92	101	89967	18.577	ug/l	99
8) Diethyl Ether	2.18	74	29460	17.733	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62504	18.685	ug/l	98
10) Methyl Iodide	2.50	142	76955	16.149	ug/l	99
11) Tert butyl alcohol	3.03	59	77466	89.809	ug/l	98
12) 1,1-Dichloroethene	2.37	96	56557	17.495	ug/l	96
13) Acrolein	2.29	56	22350	92.290	ug/l	98
14) Allyl chloride	2.72	41	96370	17.921	ug/l	99
15) Acrylonitrile	3.13	53	174936	88.613	ug/l	100
16) Acetone	2.43	43	154591	87.444	ug/l	100
17) Carbon Disulfide	2.56	76	133784	17.563	ug/l	100
18) Methyl Acetate	2.76	43	100664	18.360	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	196006	18.617	ug/l	99
20) Methylene Chloride	2.85	84	65081	17.533	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	62254	18.173	ug/l	95
22) Diisopropyl ether	3.84	45	194503	18.162	ug/l	92
23) Vinyl Acetate	3.81	43	780174	91.997	ug/l	100
24) 1,1-Dichloroethane	3.69	63	107451	17.746	ug/l	98
25) 2-Butanone	4.66	43	245988	88.631	ug/l	99
26) 2,2-Dichloropropane	4.57	77	87661	19.236	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	71970	18.022	ug/l	99
28) Bromochloromethane	5.01	49	46415	17.462	ug/l	95
29) Tetrahydrofuran	5.12	42	159831	87.790	ug/l	100
30) Chloroform	5.20	83	115284	18.041	ug/l	98
31) Cyclohexane	5.57	56	95707	18.358	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	102302	18.619	ug/l	99
36) 1,1-Dichloropropene	5.79	75	82138	19.000	ug/l	98
37) Ethyl Acetate	4.82	43	90765	18.254	ug/l	99
38) Carbon Tetrachloride	5.77	117	90881	19.081	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104037	19.487	ug/l	98
40) Benzene	6.13	78	250361	18.636	ug/l	98
41) Methacrylonitrile	5.03	41	52298	19.110	ug/l	98
42) 1,2-Dichloroethane	6.18	62	90668	19.479	ug/l	98
43) Isopropyl Acetate	6.43	43	142889	18.414	ug/l	100
44) Trichloroethene	7.21	130	76968	19.313	ug/l	97
45) 1,2-Dichloropropane	7.51	63	63566	18.972	ug/l	97
46) Dibromomethane	7.65	93	45262	18.590	ug/l	99
47) Bromodichloromethane	7.89	83	83544	18.688	ug/l	99
48) Methyl methacrylate	7.76	41	72915	18.974	ug/l	98
49) 1,4-Dioxane	7.73	88	37616	368.022	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	480061	94.514	ug/l	99
52) Toluene	8.78	92	162517	18.988	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	89000	19.183	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	99228	19.543	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	68586	18.844	ug/l	97
56) Ethyl methacrylate	9.17	69	98604	18.640	ug/l	100
57) 1,3-Dichloropropane	9.37	76	109072	18.852	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	263806	100.084	ug/l	98
59) 2-Hexanone	9.49	43	364101	92.957	ug/l	99
60) Dibromochloromethane	9.58	129	73927	19.495	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73458	18.911	ug/l	99
64) Tetrachloroethene	9.33	164	75935	20.395	ug/l	96
65) Chlorobenzene	10.13	112	185658	19.182	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	70576	19.509	ug/l	98
67) Ethyl Benzene	10.25	91	312292	19.334	ug/l	98
68) m/p-Xylenes	10.35	106	245382	39.576	ug/l	99
69) o-Xylene	10.69	106	118341	19.485	ug/l	98
70) Styrene	10.71	104	196478	19.217	ug/l	99
71) Bromoform	10.85	173	57682	18.620	ug/l #	100
73) Isopropylbenzene	11.02	105	319820	20.612	ug/l	99
74) N-amyl acetate	10.90	43	119668	18.148	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	101621	19.039	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	90312m	19.918	ug/l	
77) Bromobenzene	11.25	156	93606	20.277	ug/l	99
78) n-propylbenzene	11.35	91	347242	20.754	ug/l	99
79) 2-Chlorotoluene	11.42	91	210851	20.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	265308	20.355	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	28159	19.800	ug/l	94
82) 4-Chlorotoluene	11.51	91	239028	20.054	ug/l	97
83) tert-Butylbenzene	11.77	119	263295	19.834	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	272592	20.832	ug/l	99
85) sec-Butylbenzene	11.94	105	296289	19.782	ug/l	99
86) p-Isopropyltoluene	12.06	119	286914	20.363	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	154199	19.433	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	156576	19.469	ug/l	99
89) n-Butylbenzene	12.38	91	239069	20.638	ug/l	100
90) Hexachloroethane	12.59	117	44601	20.045	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	159013	19.963	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22826	18.692	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118947	20.042	ug/l	99
94) Hexachlorobutadiene	13.78	225	66141	20.467	ug/l	98
95) Naphthalene	13.83	128	333631	19.885	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	122049	20.389	ug/l	100

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

