

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021819\
 Data File : VX007584.D
 Acq On : 18 Feb 2019 13:18
 Operator : JC/SP
 Sample : VX0218WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 11:01:18 AM

Quant Time: Feb 19 04:51:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	434875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	651557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	574471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	291454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	232972	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	5.51	113	210852	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	744451	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.13	95	261680	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87368	16.469	ug/l	95
3) Chloromethane	1.33	50	79913	16.315	ug/l	98
4) Vinyl Chloride	1.41	62	86402	17.980	ug/l	98
5) Bromomethane	1.64	94	81167	16.757	ug/l	98
6) Chloroethane	1.73	64	56264	18.100	ug/l	98
7) Trichlorofluoromethane	1.93	101	142131	18.907	ug/l	98
8) Diethyl Ether	2.19	74	52817	18.668	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77759	17.390	ug/l	99
10) Methyl Iodide	2.51	142	92286	14.030	ug/l	97
11) Tert butyl alcohol	3.07	59	99458	104.117	ug/l	97
12) 1,1-Dichloroethene	2.38	96	70981	17.095	ug/l	96
13) Acrolein	2.30	56	34354	76.693	ug/l	99
14) Allyl chloride	2.73	41	122537	18.112	ug/l	98
15) Acrylonitrile	3.15	53	226348	95.784	ug/l	99
16) Acetone	2.45	43	199234	94.227	ug/l	98
17) Carbon Disulfide	2.57	76	163657	16.555	ug/l	100
18) Methyl Acetate	2.78	43	125886	23.173	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	246833	18.349	ug/l	96
20) Methylene Chloride	2.86	84	82124	18.770	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	75579	17.087	ug/l	98
22) Diisopropyl ether	3.87	45	246979	19.846	ug/l	99
23) Vinyl Acetate	3.82	43	1017250	98.506	ug/l	98
24) 1,1-Dichloroethane	3.70	63	140239	19.623	ug/l	98
25) 2-Butanone	4.70	43	314471	104.509	ug/l	99
26) 2,2-Dichloropropane	4.59	77	99925	18.360	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	90215	18.674	ug/l	99
28) Bromochloromethane	5.02	49	67842	20.643	ug/l	100
29) Tetrahydrofuran	5.15	42	203349	107.451	ug/l	99
30) Chloroform	5.21	83	147530	19.783	ug/l	97
31) Cyclohexane	5.58	56	111663	17.397	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	126311	20.066	ug/l	98
36) 1,1-Dichloropropene	5.80	75	100072	17.118	ug/l	99
37) Ethyl Acetate	4.86	43	114931	19.448	ug/l	97
38) Carbon Tetrachloride	5.78	117	109817	19.363	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116731	16.504	ug/l	91
40) Benzene	6.15	78	317889	18.460	ug/l	98
41) Methacrylonitrile	5.05	41	64970	20.513	ug/l	98
42) 1,2-Dichloroethane	6.20	62	112090	18.813	ug/l	98
43) Isopropyl Acetate	6.46	43	180430	19.781	ug/l	99
44) Trichloroethene	7.21	130	91718	17.684	ug/l	99
45) 1,2-Dichloropropane	7.52	63	81678	18.930	ug/l	98
46) Dibromomethane	7.66	93	58533	18.665	ug/l	97
47) Bromodichloromethane	7.90	83	103200	19.418	ug/l	99
48) Methyl methacrylate	7.77	41	91527	20.060	ug/l	100
49) 1,4-Dioxane	7.75	88	42508	413.732	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	607870	101.231	ug/l	100
52) Toluene	8.79	92	198584	17.873	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106547	18.664	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	122683	19.542	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	88246	19.054	ug/l	98
56) Ethyl methacrylate	9.18	69	121094	18.878	ug/l	98
57) 1,3-Dichloropropane	9.37	76	139202	18.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	325893	96.391	ug/l	99
59) 2-Hexanone	9.49	43	470170	100.620	ug/l	98
60) Dibromochloromethane	9.58	129	87328	19.937	ug/l	97
61) 1,2-Dibromoethane	9.67	107	93458	19.055	ug/l	99
64) Tetrachloroethene	9.34	164	89620	16.552	ug/l	99
65) Chlorobenzene	10.14	112	232073	18.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	85715	20.394	ug/l	99
67) Ethyl Benzene	10.25	91	373960	18.524	ug/l	99
68) m/p-Xylenes	10.36	106	291019	36.264	ug/l	100
69) o-Xylene	10.70	106	142973	18.515	ug/l	99
70) Styrene	10.71	104	230849	18.434	ug/l	99
71) Bromoform	10.85	173	64892	20.214	ug/l #	99
73) Isopropylbenzene	11.02	105	383727	19.374	ug/l	98
74) N-amyl acetate	10.90	43	153623	20.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	128655	21.314	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	121587m	21.447	ug/l	
77) Bromobenzene	11.26	156	105056	18.826	ug/l	100
78) n-propylbenzene	11.36	91	417133	19.206	ug/l	99
79) 2-Chlorotoluene	11.42	91	250993	19.046	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	311482	19.223	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33096	20.747	ug/l	96
82) 4-Chlorotoluene	11.51	91	289177	18.964	ug/l	99
83) tert-Butylbenzene	11.77	119	311896	19.442	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	318030	19.333	ug/l	98
85) sec-Butylbenzene	11.94	105	374694	19.298	ug/l	100
86) p-Isopropyltoluene	12.06	119	330411	18.851	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182732	18.246	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	184077	18.117	ug/l	100
89) n-Butylbenzene	12.38	91	272210	18.054	ug/l	100
90) Hexachloroethane	12.60	117	53037	20.219	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	186833	18.746	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26531	21.139	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118846	17.681	ug/l	99
94) Hexachlorobutadiene	13.78	225	58819	18.022	ug/l	100
95) Naphthalene	13.83	128	374341	19.045	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	122322	18.079	ug/l	98

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

