

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004348.D
 Acq On : 04 Sep 2018 15:45
 Operator : JC/MD
 Sample : VX0904WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/5/2018 4:52:23 PM

Quant Time: Sep 05 07:14:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	287122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411317	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185271	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.50	113	159663	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	8.71	98	594410	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	219140	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	62953	18.93	ug/l	97
3) Chloromethane	1.32	50	70533	19.37	ug/l	99
4) Vinyl Chloride	1.40	62	72502	19.27	ug/l	99
5) Bromomethane	1.64	94	36615	18.47	ug/l	98
6) Chloroethane	1.71	64	58469	21.05	ug/l	98
7) Trichlorofluoromethane	1.92	101	99622	19.32	ug/l	93
8) Diethyl Ether	2.18	74	45531	20.63	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63137	19.55	ug/l	99
10) Methyl Iodide	2.51	142	57579	18.72	ug/l	98
11) Tert butyl alcohol	3.07	59	89490	112.18	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58763	19.32	ug/l	99
13) Acrolein	2.29	56	21694	112.80	ug/l	99
14) Allyl chloride	2.72	41	115277	20.63	ug/l	96
15) Acrylonitrile	3.15	53	213186	107.91	ug/l	100
16) Acetone	2.45	43	174726	109.85	ug/l	100
17) Carbon Disulfide	2.56	76	143779	17.55	ug/l	99
18) Methyl Acetate	2.78	43	151542	27.29	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	207340	20.68	ug/l	96
20) Methylene Chloride	2.85	84	73190	20.32	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	62863	18.67	ug/l	99
22) Diisopropyl ether	3.87	45	210525	20.18	ug/l	96
23) Vinyl Acetate	3.82	43	807955	95.54	ug/l	99
24) 1,1-Dichloroethane	3.69	63	125785	20.69	ug/l	100
25) 2-Butanone	4.71	43	272774	107.15	ug/l	99
26) 2,2-Dichloropropane	4.58	77	86543	18.15	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	72658	19.03	ug/l	99
28) Bromochloromethane	5.01	49	57360	21.31	ug/l	99
29) Tetrahydrofuran	5.17	42	171131	106.43	ug/l	100
30) Chloroform	5.21	83	123890	20.32	ug/l	98
31) Cyclohexane	5.57	56	98606	18.79	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	100734	19.81	ug/l	99
36) 1,1-Dichloropropene	5.79	75	88029	19.04	ug/l	99
37) Ethyl Acetate	4.86	43	94479	20.77	ug/l	100
38) Carbon Tetrachloride	5.78	117	86319	19.84	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	96706	18.32	ug/l	99
40) Benzene	6.14	78	277718	20.10	ug/l	98
41) Methacrylonitrile	5.06	41	56131	21.29	ug/l	99
42) 1,2-Dichloroethane	6.20	62	94871	20.13	ug/l	99
43) Isopropyl Acetate	6.46	43	143341	20.51	ug/l	99
44) Trichloroethene	7.21	130	74103	19.37	ug/l	99
45) 1,2-Dichloropropane	7.52	63	72741	21.03	ug/l	100
46) Dibromomethane	7.67	93	46075	20.01	ug/l	99
47) Bromodichloromethane	7.90	83	86382	20.16	ug/l	99
48) Methyl methacrylate	7.78	41	76858	20.55	ug/l	99
49) 1,4-Dioxane	7.76	88	37751	444.67	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	522108	102.83	ug/l	99
52) Toluene	8.79	92	175521	20.29	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	92441	19.53	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	104849	20.34	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	74018	21.20	ug/l	99
56) Ethyl methacrylate	9.18	69	95636	20.12	ug/l	99
57) 1,3-Dichloropropane	9.37	76	123969	21.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	246598	101.26	ug/l	99
59) 2-Hexanone	9.50	43	395550	102.12	ug/l	99
60) Dibromochloromethane	9.59	129	69334	20.38	ug/l	100
61) 1,2-Dibromoethane	9.67	107	74954	20.74	ug/l	98
64) Tetrachloroethene	9.34	164	78579	20.13	ug/l	98
65) Chlorobenzene	10.14	112	194474	19.61	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	68208	19.94	ug/l	98
67) Ethyl Benzene	10.26	91	311094	19.32	ug/l	99
68) m/p-Xylenes	10.36	106	252096	40.03	ug/l	99
69) o-Xylene	10.70	106	119105	20.00	ug/l	99
70) Styrene	10.71	104	199994	20.74	ug/l	99
71) Bromoform	10.86	173	53156	19.28	ug/l #	98
73) Isopropylbenzene	11.02	105	326916	21.56	ug/l	100
74) N-amyl acetate	10.90	43	116779	20.00	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	112989	21.29	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	102109m	21.75	ug/l	
77) Bromobenzene	11.26	156	88718	20.86	ug/l	98
78) n-propylbenzene	11.36	91	373109	21.39	ug/l	100
79) 2-Chlorotoluene	11.42	91	225249	20.98	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	271441	21.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28535	19.72	ug/l	97
82) 4-Chlorotoluene	11.51	91	260772	20.64	ug/l	99
83) tert-Butylbenzene	11.77	119	264208	20.91	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	282397	21.91	ug/l	99
85) sec-Butylbenzene	11.94	105	328306	21.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	285729	21.26	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	161793	20.20	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	162422	19.24	ug/l	98
89) n-Butylbenzene	12.39	91	221739	20.28	ug/l	99
90) Hexachloroethane	12.60	117	39972	21.27	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	155892	21.30	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21247	22.73	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109291	20.52	ug/l	99
94) Hexachlorobutadiene	13.79	225	57653	23.20	ug/l	96
95) Naphthalene	13.83	128	338878	22.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	119842	21.26	ug/l	98

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

