

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006344.D
 Acq On : 07 Dec 2018 13:51
 Operator : JC/MD
 Sample : VX1207WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 9:57:36 AM

Quant Time: Dec 08 01:01:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	680857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1028614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	923389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	355919	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.51	113	336095	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	1201642	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	447728	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	132993	19.949	ug/l	99
3) Chloromethane	1.33	50	125709	18.350	ug/l	97
4) Vinyl Chloride	1.41	62	138847	18.831	ug/l	99
5) Bromomethane	1.64	94	107950	21.126	ug/l	99
6) Chloroethane	1.72	64	88460	19.567	ug/l	98
7) Trichlorofluoromethane	1.93	101	218116	19.272	ug/l	99
8) Diethyl Ether	2.19	74	83023	19.382	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	126641	19.678	ug/l	99
10) Methyl Iodide	2.51	142	163825	16.891	ug/l	99
11) Tert butyl alcohol	3.07	59	176550	92.882	ug/l	100
12) 1,1-Dichloroethene	2.38	96	114541	18.592	ug/l	94
13) Acrolein	2.29	56	101660	97.853	ug/l	93
14) Allyl chloride	2.73	41	211723	17.397	ug/l	97
15) Acrylonitrile	3.15	53	371487	93.656	ug/l	100
16) Acetone	2.45	43	325542	99.804	ug/l	99
17) Carbon Disulfide	2.57	76	308171	16.233	ug/l	99
18) Methyl Acetate	2.78	43	211465	19.386	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	420442	19.130	ug/l	98
20) Methylene Chloride	2.86	84	132098	19.029	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	121098	18.445	ug/l	96
22) Diisopropyl ether	3.87	45	377092	19.837	ug/l	98
23) Vinyl Acetate	3.82	43	1542886	95.162	ug/l	99
24) 1,1-Dichloroethane	3.70	63	209080	19.243	ug/l	99
25) 2-Butanone	4.70	43	461821	99.228	ug/l	99
26) 2,2-Dichloropropane	4.58	77	189305	18.879	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	146378	19.988	ug/l	99
28) Bromochloromethane	5.02	49	89599	18.880	ug/l	97
29) Tetrahydrofuran	5.15	42	300890	93.022	ug/l	97
30) Chloroform	5.21	83	229920	20.137	ug/l	97
31) Cyclohexane	5.57	56	187340	18.657	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	212051	19.519	ug/l	99
36) 1,1-Dichloropropene	5.80	75	162112	18.715	ug/l	99
37) Ethyl Acetate	4.85	43	174032	17.941	ug/l	98
38) Carbon Tetrachloride	5.78	117	185507	18.205	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	206376	18.355	ug/l	97
40) Benzene	6.14	78	500991	19.311	ug/l	100
41) Methacrylonitrile	5.06	41	96326	18.047	ug/l	97
42) 1,2-Dichloroethane	6.20	62	168726	19.872	ug/l	100
43) Isopropyl Acetate	6.46	43	287396	17.770	ug/l	99
44) Trichloroethene	7.21	130	167647	21.331	ug/l	99
45) 1,2-Dichloropropane	7.52	63	125443	19.025	ug/l	98
46) Dibromomethane	7.66	93	89136	18.718	ug/l	98
47) Bromodichloromethane	7.90	83	168861	18.311	ug/l	98
48) Methyl methacrylate	7.77	41	144362	18.348	ug/l	97
49) 1,4-Dioxane	7.75	88	75126	387.407	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	879682	93.433	ug/l	98
52) Toluene	8.79	92	326242	19.114	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	183798	17.042	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	201952	18.033	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	136473	19.682	ug/l	98
56) Ethyl methacrylate	9.18	69	202919	18.719	ug/l	97
57) 1,3-Dichloropropane	9.37	76	216295	19.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	531223	96.572	ug/l	98
59) 2-Hexanone	9.49	43	669807	93.117	ug/l	100
60) Dibromochloromethane	9.59	129	149535	17.489	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148664	19.174	ug/l	99
64) Tetrachloroethene	9.34	164	136097	19.571	ug/l	97
65) Chlorobenzene	10.14	112	379807	19.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	143137	18.795	ug/l	99
67) Ethyl Benzene	10.25	91	622709	19.101	ug/l	99
68) m/p-Xylenes	10.36	106	498816	38.197	ug/l	99
69) o-Xylene	10.70	106	247654	19.199	ug/l	100
70) Styrene	10.71	104	399605	19.154	ug/l	100
71) Bromoform	10.86	173	116498	16.204	ug/l #	99
73) Isopropylbenzene	11.02	105	652517	20.048	ug/l	99
74) N-amyl acetate	10.90	43	253413	18.081	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	206831	19.863	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	193729m	21.296	ug/l	
77) Bromobenzene	11.26	156	177889	19.694	ug/l	98
78) n-propylbenzene	11.36	91	706020	19.514	ug/l	100
79) 2-Chlorotoluene	11.42	91	428576	19.930	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536702	19.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64334	16.596	ug/l	91
82) 4-Chlorotoluene	11.51	91	481488	19.258	ug/l	100
83) tert-Butylbenzene	11.77	119	567910	19.655	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	554653	19.835	ug/l	99
85) sec-Butylbenzene	11.94	105	650619	19.793	ug/l	99
86) p-Isopropyltoluene	12.07	119	573919	19.390	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311582	19.386	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	313040	19.190	ug/l	99
89) n-Butylbenzene	12.39	91	475281	18.819	ug/l	100
90) Hexachloroethane	12.60	117	106726	17.691	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	312958	19.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46778	17.525	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	217260	18.669	ug/l	100
94) Hexachlorobutadiene	13.78	225	100072	19.445	ug/l	98
95) Naphthalene	13.83	128	697164	19.259	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	222793	19.329	ug/l	97

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

