

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120318\
 Data File : VX006255.D
 Acq On : 03 Dec 2018 16:04
 Operator : JC/MD
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:58:48 AM

Quant Time: Dec 04 06:01:15 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	720156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1108309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	988674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	502914	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	365535	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	5.50	113	349562	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.71	98	1248758	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.14	95	465408	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	151391	21.470	ug/l	99
3) Chloromethane	1.33	50	137989	19.043	ug/l	97
4) Vinyl Chloride	1.41	62	159502	20.452	ug/l	98
5) Bromomethane	1.64	94	112149	20.750	ug/l	99
6) Chloroethane	1.73	64	100846	21.090	ug/l	100
7) Trichlorofluoromethane	1.93	101	244135	20.393	ug/l	95
8) Diethyl Ether	2.19	74	91352	20.163	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	138783	20.388	ug/l	99
10) Methyl Iodide	2.51	142	204292	19.914	ug/l	99
11) Tert butyl alcohol	3.07	59	199857	99.406	ug/l	98
12) 1,1-Dichloroethene	2.38	96	129108	19.813	ug/l	94
13) Acrolein	2.30	56	92924	84.563	ug/l	100
14) Allyl chloride	2.73	41	252686	19.630	ug/l	99
15) Acrylonitrile	3.15	53	422693	100.751	ug/l	100
16) Acetone	2.45	43	359471	104.192	ug/l	100
17) Carbon Disulfide	2.57	76	387228	19.284	ug/l	99
18) Methyl Acetate	2.78	43	236378	20.487	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	471781	20.295	ug/l	100
20) Methylene Chloride	2.86	84	144697	19.707	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	139653	20.110	ug/l	95
22) Diisopropyl ether	3.87	45	409852	20.384	ug/l	98
23) Vinyl Acetate	3.82	43	1759834	102.620	ug/l	99
24) 1,1-Dichloroethane	3.70	63	237479	20.664	ug/l	99
25) 2-Butanone	4.70	43	507342	103.060	ug/l	100
26) 2,2-Dichloropropane	4.59	77	195649	18.447	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	161330	20.828	ug/l	97
28) Bromochloromethane	5.02	49	91983	18.324	ug/l	98
29) Tetrahydrofuran	5.16	42	345268	100.917	ug/l	99
30) Chloroform	5.22	83	250555	20.747	ug/l	96
31) Cyclohexane	5.58	56	214688	20.214	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	234843	20.437	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177408	19.008	ug/l	97
37) Ethyl Acetate	4.85	43	203174	19.439	ug/l	98
38) Carbon Tetrachloride	5.79	117	215239	19.603	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232141	19.162	ug/l	99
40) Benzene	6.15	78	556098	19.894	ug/l	98
41) Methacrylonitrile	5.06	41	110099	19.144	ug/l	99
42) 1,2-Dichloroethane	6.20	62	186242	20.357	ug/l	100
43) Isopropyl Acetate	6.46	43	330017	18.938	ug/l	99
44) Trichloroethene	7.21	130	166258	19.633	ug/l	94
45) 1,2-Dichloropropane	7.52	63	140788	19.817	ug/l	99
46) Dibromomethane	7.66	93	100619	19.610	ug/l	100
47) Bromodichloromethane	7.90	83	199702	20.098	ug/l	98
48) Methyl methacrylate	7.77	41	162641	19.185	ug/l	100
49) 1,4-Dioxane	7.75	88	80516	385.346	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	992145	97.800	ug/l	98
52) Toluene	8.79	92	366157	19.910	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	220102	18.941	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	231222	19.162	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	153413	20.534	ug/l	98
56) Ethyl methacrylate	9.18	69	228610	19.573	ug/l	98
57) 1,3-Dichloropropane	9.37	76	236515	20.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	584002	98.532	ug/l	99
59) 2-Hexanone	9.49	43	750136	96.786	ug/l	100
60) Dibromochloromethane	9.59	129	178214	19.344	ug/l	99
61) 1,2-Dibromoethane	9.67	107	164843	19.732	ug/l	99
64) Tetrachloroethene	9.34	164	153237	20.581	ug/l	97
65) Chlorobenzene	10.14	112	422584	20.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	165373	20.280	ug/l	99
67) Ethyl Benzene	10.25	91	687064	19.683	ug/l	99
68) m/p-Xylenes	10.36	106	545446	39.009	ug/l	100
69) o-Xylene	10.70	106	274674	19.888	ug/l	100
70) Styrene	10.71	104	435674	19.504	ug/l	99
71) Bromoform	10.86	173	145852	18.948	ug/l	100
73) Isopropylbenzene	11.02	105	716858	20.640	ug/l	100
74) N-amyl acetate	10.90	43	292847	19.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232095	20.889	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	215110m	22.160	ug/l	
77) Bromobenzene	11.26	156	195628	20.297	ug/l	99
78) n-propylbenzene	11.36	91	772315	20.005	ug/l	99
79) 2-Chlorotoluene	11.42	91	470138	20.489	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	581796	20.134	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77930	18.840	ug/l	92
82) 4-Chlorotoluene	11.51	91	531207	19.911	ug/l	99
83) tert-Butylbenzene	11.77	119	626384	20.316	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	598201	20.048	ug/l	100
85) sec-Butylbenzene	11.94	105	710425	20.254	ug/l	100
86) p-Isopropyltoluene	12.07	119	636348	20.148	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	342052	19.945	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	337232	19.373	ug/l	98
89) n-Butylbenzene	12.39	91	525284	19.492	ug/l	99
90) Hexachloroethane	12.60	117	128707	19.994	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	340738	20.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55410	19.454	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	239624	19.297	ug/l	99
94) Hexachlorobutadiene	13.78	225	110131	20.054	ug/l	99
95) Naphthalene	13.83	128	775851	20.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	242104	19.684	ug/l	99

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

