

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006363.D
 Acq On : 10 Dec 2018 12:12
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:54:43 AM

Quant Time: Dec 11 04:12:48 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	777671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1132088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	991407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	507706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	390613	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.51	113	379302	51.75	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	8.71	98	1316225	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	491431	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	143185	18.804	ug/l	100
3) Chloromethane	1.34	50	131225	16.770	ug/l	99
4) Vinyl Chloride	1.42	62	152584	18.118	ug/l	99
5) Bromomethane	1.65	94	115016	19.706	ug/l	100
6) Chloroethane	1.73	64	99066	19.185	ug/l	100
7) Trichlorofluoromethane	1.94	101	237459	18.369	ug/l	98
8) Diethyl Ether	2.20	74	93246	19.059	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137466	18.701	ug/l	99
10) Methyl Iodide	2.52	142	194720	17.577	ug/l	98
11) Tert butyl alcohol	3.07	59	194053	89.381	ug/l	99
12) 1,1-Dichloroethene	2.39	96	127882	18.173	ug/l	91
13) Acrolein	2.31	56	95105	80.147	ug/l	97
14) Allyl chloride	2.74	41	236037	16.980	ug/l	98
15) Acrylonitrile	3.15	53	405614	89.529	ug/l	99
16) Acetone	2.45	43	352721	94.675	ug/l	94
17) Carbon Disulfide	2.58	76	338854	15.627	ug/l	100
18) Methyl Acetate	2.79	43	235578	18.908	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	470405	18.739	ug/l	99
20) Methylene Chloride	2.87	84	145703	18.376	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	132905	17.723	ug/l	95
22) Diisopropyl ether	3.88	45	417370	19.223	ug/l	98
23) Vinyl Acetate	3.83	43	1721630	92.968	ug/l	98
24) 1,1-Dichloroethane	3.70	63	238556	19.223	ug/l	98
25) 2-Butanone	4.70	43	506979	95.370	ug/l	99
26) 2,2-Dichloropropane	4.59	77	219534	19.168	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	166026	19.849	ug/l	98
28) Bromochloromethane	5.03	49	110900	20.459	ug/l	99
29) Tetrahydrofuran	5.16	42	338521	91.627	ug/l	98
30) Chloroform	5.22	83	257213	19.723	ug/l	99
31) Cyclohexane	5.58	56	203208	17.718	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	236125	19.029	ug/l	100
36) 1,1-Dichloropropene	5.81	75	179661	18.846	ug/l	99
37) Ethyl Acetate	4.86	43	196989	18.451	ug/l	98
38) Carbon Tetrachloride	5.79	117	214177	19.097	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230267	18.608	ug/l	97
40) Benzene	6.15	78	551820	19.326	ug/l	100
41) Methacrylonitrile	5.07	41	108276	18.431	ug/l	99
42) 1,2-Dichloroethane	6.20	62	184435	19.736	ug/l	99
43) Isopropyl Acetate	6.46	43	321428	18.058	ug/l	99
44) Trichloroethene	7.21	130	164495	19.017	ug/l	98
45) 1,2-Dichloropropane	7.52	63	138684	19.111	ug/l	98
46) Dibromomethane	7.66	93	102603	19.577	ug/l	98
47) Bromodichloromethane	7.90	83	192883	19.004	ug/l	97
48) Methyl methacrylate	7.77	41	158918	18.352	ug/l	97
49) 1,4-Dioxane	7.76	88	81298	380.916	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	958258	92.476	ug/l	99
52) Toluene	8.79	92	355151	18.906	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	214752	18.092	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	229833	18.647	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	153101	20.062	ug/l	96
56) Ethyl methacrylate	9.18	69	225322	18.886	ug/l	96
57) 1,3-Dichloropropane	9.37	76	239701	19.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	596781	98.573	ug/l	98
59) 2-Hexanone	9.49	43	732279	92.497	ug/l	99
60) Dibromochloromethane	9.59	129	174696	18.564	ug/l	99
61) 1,2-Dibromoethane	9.67	107	162805	19.079	ug/l	100
64) Tetrachloroethene	9.34	164	147956	19.817	ug/l	98
65) Chlorobenzene	10.14	112	415489	19.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	162743	19.903	ug/l	99
67) Ethyl Benzene	10.25	91	677028	19.342	ug/l	99
68) m/p-Xylenes	10.36	106	544659	38.846	ug/l	99
69) o-Xylene	10.70	106	269482	19.458	ug/l	100
70) Styrene	10.71	104	431495	19.264	ug/l	99
71) Bromoform	10.86	173	138576	17.953	ug/l #	99
73) Isopropylbenzene	11.02	105	715824	20.416	ug/l	100
74) N-amyl acetate	10.90	43	276556	18.317	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	226882	20.227	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	215001m	21.940	ug/l	
77) Bromobenzene	11.26	156	197658	20.314	ug/l	99
78) n-propylbenzene	11.36	91	771489	19.795	ug/l	99
79) 2-Chlorotoluene	11.42	91	465067	20.076	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	591634	20.281	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	74496	17.840	ug/l	91
82) 4-Chlorotoluene	11.51	91	532437	19.769	ug/l	100
83) tert-Butylbenzene	11.77	119	632618	20.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	614041	20.384	ug/l	99
85) sec-Butylbenzene	11.94	105	717349	20.259	ug/l	99
86) p-Isopropyltoluene	12.06	119	641618	20.123	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	345589	19.961	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	343046	19.521	ug/l	99
89) n-Butylbenzene	12.39	91	528667	19.432	ug/l	100
90) Hexachloroethane	12.60	117	122296	18.819	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	344539	20.051	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51735	17.992	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	241996	19.304	ug/l	100
94) Hexachlorobutadiene	13.79	225	112910	20.366	ug/l	98
95) Naphthalene	13.83	128	757844	19.434	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244179	19.665	ug/l	99

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

