

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006394.D
 Acq On : 11 Dec 2018 02:52
 Operator : JC/MD
 Sample : VX1210WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 05:59:31 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	554917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	874636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	791201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	401482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	305701	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	5.50	113	289015	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	8.71	98	1033220	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.13	95	393974	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111325	20.489	ug/l	98
3) Chloromethane	1.33	50	105988	18.982	ug/l	98
4) Vinyl Chloride	1.41	62	117067	19.481	ug/l	97
5) Bromomethane	1.64	94	98596	23.674	ug/l	96
6) Chloroethane	1.72	64	76673	20.809	ug/l	99
7) Trichlorofluoromethane	1.93	101	182512	19.786	ug/l	99
8) Diethyl Ether	2.19	74	70314	20.141	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102241	19.492	ug/l	98
10) Methyl Iodide	2.51	142	150023	18.979	ug/l	99
11) Tert butyl alcohol	3.07	59	158821	102.518	ug/l	99
12) 1,1-Dichloroethene	2.38	96	96398	19.198	ug/l	91
13) Acrolein	2.29	56	80860	95.496	ug/l	96
14) Allyl chloride	2.73	41	169600	17.099	ug/l	98
15) Acrylonitrile	3.15	53	324601	100.409	ug/l	99
16) Acetone	2.45	43	264059	99.328	ug/l	99
17) Carbon Disulfide	2.57	76	244543	15.805	ug/l	99
18) Methyl Acetate	2.78	43	183637	20.656	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	357818	19.976	ug/l	99
20) Methylene Chloride	2.86	84	111607	19.726	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	107178	20.030	ug/l	90
22) Diisopropyl ether	3.87	45	318218	20.540	ug/l	98
23) Vinyl Acetate	3.82	43	1289043	97.550	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185394	20.936	ug/l	98
25) 2-Butanone	4.70	43	392280	103.416	ug/l	100
26) 2,2-Dichloropropane	4.59	77	123163	15.070	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	125762	21.070	ug/l	95
28) Bromochloromethane	5.02	49	81755	21.136	ug/l	98
29) Tetrahydrofuran	5.15	42	263098	99.798	ug/l	95
30) Chloroform	5.21	83	198409	21.321	ug/l	95
31) Cyclohexane	5.57	56	151231	18.479	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	178072	20.111	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134853	18.309	ug/l	100
37) Ethyl Acetate	4.85	43	149455	18.120	ug/l	97
38) Carbon Tetrachloride	5.79	117	151293	17.461	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165694	17.331	ug/l	98
40) Benzene	6.14	78	430672	19.523	ug/l	100
41) Methacrylonitrile	5.06	41	84186	18.549	ug/l	97
42) 1,2-Dichloroethane	6.20	62	147237	20.394	ug/l	99
43) Isopropyl Acetate	6.46	43	246130	17.898	ug/l	99
44) Trichloroethene	7.21	130	138056	20.658	ug/l	92
45) 1,2-Dichloropropane	7.52	63	108790	19.404	ug/l	97
46) Dibromomethane	7.66	93	78158	19.302	ug/l	96
47) Bromodichloromethane	7.90	83	142193	18.134	ug/l	96
48) Methyl methacrylate	7.77	41	124672	18.635	ug/l	99
49) 1,4-Dioxane	7.75	88	65917	399.760	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	770502	96.244	ug/l	97
52) Toluene	8.79	92	279841	19.282	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	150670	16.430	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	163160	17.134	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	117840	19.986	ug/l	95
56) Ethyl methacrylate	9.18	69	177731	19.282	ug/l	97
57) 1,3-Dichloropropane	9.37	76	187643	20.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	447461	95.665	ug/l	99
59) 2-Hexanone	9.49	43	594796	97.246	ug/l	99
60) Dibromochloromethane	9.59	129	123669	17.010	ug/l	98
61) 1,2-Dibromoethane	9.67	107	128790	19.535	ug/l	99
64) Tetrachloroethene	9.34	164	114755	19.259	ug/l	97
65) Chlorobenzene	10.14	112	325541	19.383	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	121678	18.646	ug/l	99
67) Ethyl Benzene	10.25	91	540555	19.351	ug/l	100
68) m/p-Xylenes	10.36	106	431193	38.535	ug/l	100
69) o-Xylene	10.70	106	219321	19.843	ug/l	96
70) Styrene	10.71	104	343950	19.241	ug/l	99
71) Bromoform	10.86	173	95419	15.490	ug/l	100
73) Isopropylbenzene	11.02	105	566239	20.423	ug/l	99
74) N-amyl acetate	10.90	43	216563	18.139	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	184781	20.832	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	171766m	22.165	ug/l	
77) Bromobenzene	11.26	156	154544	20.085	ug/l	97
78) n-propylbenzene	11.36	91	609323	19.770	ug/l	100
79) 2-Chlorotoluene	11.42	91	372931	20.359	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	460924	19.980	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48757	14.765	ug/l	87
82) 4-Chlorotoluene	11.51	91	423620	19.890	ug/l	99
83) tert-Butylbenzene	11.77	119	491321	19.962	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	478031	20.068	ug/l	99
85) sec-Butylbenzene	11.94	105	565001	20.178	ug/l	99
86) p-Isopropyltoluene	12.06	119	501693	19.897	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	273682	19.990	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	272593	19.616	ug/l	99
89) n-Butylbenzene	12.39	91	401455	18.660	ug/l	100
90) Hexachloroethane	12.60	117	86344	16.802	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	276255	20.331	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40329	17.737	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	184073	18.568	ug/l	98
94) Hexachlorobutadiene	13.78	225	81403	18.568	ug/l	99
95) Naphthalene	13.83	128	617454	20.023	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	191374	19.491	ug/l	98

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

