

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005728.D
 Acq On : 01 Nov 2018 14:44
 Operator : JC/MD
 Sample : VX1101WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 12:34:09 PM

Quant Time: Nov 01 15:17:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	128969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	222743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	195528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	90180	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	5.49	113	67908	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
50) Toluene-d8	8.71	98	250606	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
62) 4-Bromofluorobenzene	11.14	95	91710	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31552	21.178	ug/l	97
3) Chloromethane	1.32	50	33295	18.946	ug/l	97
4) Vinyl Chloride	1.40	62	34620	18.935	ug/l	99
5) Bromomethane	1.64	94	36589	16.128	ug/l	98
6) Chloroethane	1.72	64	23181	21.615	ug/l	89
7) Trichlorofluoromethane	1.93	101	45187	19.255	ug/l	93
8) Diethyl Ether	2.19	74	19182	18.184	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26842	18.830	ug/l	93
10) Methyl Iodide	2.51	142	22374	17.439	ug/l	98
11) Tert butyl alcohol	3.07	59	50919	99.439	ug/l	100
12) 1,1-Dichloroethene	2.37	96	25040	18.026	ug/l	88
13) Acrolein	2.30	56	34201	100.983	ug/l	98
14) Allyl chloride	2.73	41	52400	18.243	ug/l #	92
15) Acrylonitrile	3.15	53	106344	94.443	ug/l	100
16) Acetone	2.45	43	92134	89.030	ug/l	94
17) Carbon Disulfide	2.57	76	75489	17.685	ug/l	100
18) Methyl Acetate	2.78	43	53147	19.640	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	94642	19.683	ug/l	98
20) Methylene Chloride	2.85	84	30396	18.694	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	27960	19.023	ug/l	99
22) Diisopropyl ether	3.87	45	104118	19.541	ug/l #	93
23) Vinyl Acetate	3.82	43	449271	96.808	ug/l	100
24) 1,1-Dichloroethane	3.70	63	55037	18.268	ug/l	98
25) 2-Butanone	4.70	43	149992	94.301	ug/l	96
26) 2,2-Dichloropropane	4.59	77	43204	19.183	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	31404	19.014	ug/l	95
28) Bromochloromethane	5.02	49	26205	17.828	ug/l	96
29) Tetrahydrofuran	5.16	42	92275	95.048	ug/l	91
30) Chloroform	5.21	83	54817	18.610	ug/l	89
31) Cyclohexane	5.57	56	47977	19.043	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	44598	18.918	ug/l	98
36) 1,1-Dichloropropene	5.79	75	39852	16.793	ug/l	98
37) Ethyl Acetate	4.86	43	54093	17.866	ug/l	98
38) Carbon Tetrachloride	5.79	117	38607	18.006	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45539	18.400	ug/l	90
40) Benzene	6.14	78	125291	17.746	ug/l	95
41) Methacrylonitrile	5.06	41	28829	17.623	ug/l	95
42) 1,2-Dichloroethane	6.20	62	47397	18.162	ug/l	99
43) Isopropyl Acetate	6.46	43	78654	17.899	ug/l	97
44) Trichloroethene	7.21	130	28984	17.750	ug/l	96
45) 1,2-Dichloropropane	7.52	63	32231	17.814	ug/l	100
46) Dibromomethane	7.66	93	20728	17.927	ug/l #	86
47) Bromodichloromethane	7.90	83	39091	18.024	ug/l	100
48) Methyl methacrylate	7.78	41	38671	18.182	ug/l	92
49) 1,4-Dioxane	7.76	88	18227	384.858	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	268994	89.773	ug/l	98
52) Toluene	8.79	92	70228	18.390	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	42323	18.006	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	46996	18.662	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	29550	17.818	ug/l	98
56) Ethyl methacrylate	9.18	69	45841	17.950	ug/l	96
57) 1,3-Dichloropropane	9.37	76	51281	18.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	136392	92.114	ug/l	96
59) 2-Hexanone	9.49	43	210140	86.178	ug/l	97
60) Dibromochloromethane	9.59	129	27672	17.267	ug/l	100
61) 1,2-Dibromoethane	9.67	107	30492	18.044	ug/l	98
64) Tetrachloroethene	9.34	164	25900	18.131	ug/l	96
65) Chlorobenzene	10.14	112	76216	18.343	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	25854	18.177	ug/l	96
67) Ethyl Benzene	10.26	91	133309	18.799	ug/l	99
68) m/p-Xylenes	10.36	106	100016	37.957	ug/l	96
69) o-Xylene	10.70	106	47493	18.845	ug/l	95
70) Styrene	10.71	104	80693	19.278	ug/l	99
71) Bromoform	10.86	173	20548	17.830	ug/l #	99
73) Isopropylbenzene	11.02	105	131125	20.111	ug/l	99
74) N-amyl acetate	10.90	43	65544	18.881	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	50952	18.836	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	46591m	18.928	ug/l	
77) Bromobenzene	11.26	156	31667	19.578	ug/l	88
78) n-propylbenzene	11.36	91	156778	19.766	ug/l	96
79) 2-Chlorotoluene	11.42	91	92230	19.469	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	109933	19.857	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13805	18.120	ug/l	94
82) 4-Chlorotoluene	11.51	91	109051	19.281	ug/l	97
83) tert-Butylbenzene	11.77	119	104357	19.756	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	113969	20.386	ug/l	97
85) sec-Butylbenzene	11.94	105	134553	19.857	ug/l	96
86) p-Isopropyltoluene	12.07	119	112741	19.563	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	59957	19.171	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	59861	17.817	ug/l	97
89) n-Butylbenzene	12.39	91	107479	18.485	ug/l	97
90) Hexachloroethane	12.60	117	18551	18.144	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	60081	18.389	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11734	18.495	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	40080	19.126	ug/l	98
94) Hexachlorobutadiene	13.79	225	18314	18.065	ug/l	99
95) Naphthalene	13.83	128	136153	19.756	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	40738	19.096	ug/l	99

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

