

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005803.D
 Acq On : 06 Nov 2018 12:38
 Operator : JC/MD
 Sample : VX1106WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/7/2018 11:02:37 AM

Quant Time: Nov 07 08:34:52 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	178430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	294785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	258994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	118812	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
35) Dibromofluoromethane	5.51	113	92092	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
50) Toluene-d8	8.71	98	347295	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.14	95	121289	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39696	19.258	ug/l	94
3) Chloromethane	1.32	50	42019	17.283	ug/l	97
4) Vinyl Chloride	1.41	62	46767	18.488	ug/l	97
5) Bromomethane	1.64	94	33510	10.676	ug/l	98
6) Chloroethane	1.72	64	29567	20.008	ug/l	99
7) Trichlorofluoromethane	1.93	101	56799	17.494	ug/l	94
8) Diethyl Ether	2.19	74	25834	17.702	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35295	17.896	ug/l	91
10) Methyl Iodide	2.51	142	37094	20.513	ug/l	96
11) Tert butyl alcohol	3.07	59	58213	82.170	ug/l	100
12) 1,1-Dichloroethene	2.37	96	33441	17.401	ug/l	96
13) Acrolein	2.29	56	40273	87.763	ug/l	97
14) Allyl chloride	2.73	41	68135	17.146	ug/l #	96
15) Acrylonitrile	3.15	53	138152	88.681	ug/l	98
16) Acetone	2.45	43	113980	78.584	ug/l	93
17) Carbon Disulfide	2.57	76	89883	15.220	ug/l	96
18) Methyl Acetate	2.78	43	65708	17.551	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	129210	19.424	ug/l	98
20) Methylene Chloride	2.85	84	42223	18.769	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	35127	17.274	ug/l	98
22) Diisopropyl ether	3.87	45	134320	18.222	ug/l #	96
23) Vinyl Acetate	3.82	43	570834	88.906	ug/l	98
24) 1,1-Dichloroethane	3.70	63	72333	17.353	ug/l	99
25) 2-Butanone	4.70	43	182317	82.850	ug/l	96
26) 2,2-Dichloropropane	4.58	77	54199	17.395	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40466	17.709	ug/l	98
28) Bromochloromethane	5.02	49	37073	18.231	ug/l	96
29) Tetrahydrofuran	5.16	42	112413	83.694	ug/l	90
30) Chloroform	5.21	83	72138	17.701	ug/l	97
31) Cyclohexane	5.58	56	60417	17.333	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	55827	17.117	ug/l	96
36) 1,1-Dichloropropene	5.80	75	50813	16.179	ug/l	97
37) Ethyl Acetate	4.85	43	64872	16.190	ug/l	96
38) Carbon Tetrachloride	5.79	117	48613	17.132	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58533	17.870	ug/l	98
40) Benzene	6.15	78	156289	16.727	ug/l	96
41) Methacrylonitrile	5.06	41	36062	16.657	ug/l	96
42) 1,2-Dichloroethane	6.20	62	57911	16.768	ug/l	99
43) Isopropyl Acetate	6.46	43	100078	17.208	ug/l	97
44) Trichloroethene	7.21	130	39733	18.386	ug/l	98
45) 1,2-Dichloropropane	7.52	63	43324	18.094	ug/l	97
46) Dibromomethane	7.66	93	26113	17.065	ug/l	90
47) Bromodichloromethane	7.90	83	47950	16.705	ug/l	97
48) Methyl methacrylate	7.77	41	49935	17.740	ug/l	96
49) 1,4-Dioxane	7.75	88	20216	322.537	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	341330	86.075	ug/l	94
52) Toluene	8.79	92	91877	18.179	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	52045	16.731	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	63648	19.098	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	39424	17.962	ug/l	92
56) Ethyl methacrylate	9.18	69	57760	17.208	ug/l	97
57) 1,3-Dichloropropane	9.37	76	65593	17.398	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	185976	94.592	ug/l	96
59) 2-Hexanone	9.49	43	254863	78.976	ug/l	94
60) Dibromochloromethane	9.59	129	35668	16.818	ug/l	100
61) 1,2-Dibromoethane	9.67	107	39728	17.764	ug/l	100
64) Tetrachloroethene	9.34	164	38399	20.294	ug/l	82
65) Chlorobenzene	10.14	112	96043	17.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33814	17.947	ug/l	97
67) Ethyl Benzene	10.25	91	166488	17.725	ug/l	96
68) m/p-Xylenes	10.36	106	126079	36.123	ug/l	97
69) o-Xylene	10.70	106	60804	18.215	ug/l	97
70) Styrene	10.71	104	101479	18.303	ug/l	99
71) Bromoform	10.86	173	25878	16.952	ug/l #	99
73) Isopropylbenzene	11.02	105	167970	19.980	ug/l	99
74) N-amyl acetate	10.90	43	80019	17.878	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	63453	18.192	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	60184m	18.963	ug/l	
77) Bromobenzene	11.26	156	41096	19.706	ug/l	90
78) n-propylbenzene	11.36	91	198214	19.381	ug/l	96
79) 2-Chlorotoluene	11.42	91	116977	19.150	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	139656	19.564	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17624	17.941	ug/l	96
82) 4-Chlorotoluene	11.51	91	138087	18.936	ug/l	98
83) tert-Butylbenzene	11.77	119	134841	19.798	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	143880	19.961	ug/l	98
85) sec-Butylbenzene	11.94	105	170940	19.565	ug/l	98
86) p-Isopropyltoluene	12.07	119	145657	19.602	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	76601	18.996	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	77547	17.901	ug/l	97
89) n-Butylbenzene	12.39	91	138703	18.501	ug/l	99
90) Hexachloroethane	12.60	117	22202	16.841	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	77772	18.461	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14841	18.142	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	55598	20.577	ug/l	98
94) Hexachlorobutadiene	13.78	225	24337	18.619	ug/l	97
95) Naphthalene	13.83	128	192785	21.696	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	55933	20.334	ug/l	99

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

