

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005921.D
 Acq On : 13 Nov 2018 01:19
 Operator : JC/MD
 Sample : VX1112WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 12:19:31 PM

Quant Time: Nov 13 06:38:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	105609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	144652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	130772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	66570	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
35) Dibromofluoromethane	5.50	113	51400	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	8.71	98	178409	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	11.14	95	65859	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	18658	19.595	ug/l	87
3) Chloromethane	1.32	50	22103	17.688	ug/l	100
4) Vinyl Chloride	1.41	62	22310	17.784	ug/l	97
5) Bromomethane	1.64	94	14458	18.833	ug/l	99
6) Chloroethane	1.72	64	13593	18.160	ug/l	95
7) Trichlorofluoromethane	1.93	101	32527	19.534	ug/l	96
8) Diethyl Ether	2.19	74	12599	19.309	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18603	19.424	ug/l	99
10) Methyl Iodide	2.51	142	19582	16.871	ug/l	97
11) Tert butyl alcohol	3.07	59	33961	97.645	ug/l	98
12) 1,1-Dichloroethene	2.37	96	16873	18.076	ug/l	93
13) Acrolein	2.29	56	23716	151.211	ug/l	100
14) Allyl chloride	2.73	41	39136	18.772	ug/l	99
15) Acrylonitrile	3.15	53	72271	100.268	ug/l	98
16) Acetone	2.45	43	66210	101.284	ug/l	95
17) Carbon Disulfide	2.57	76	50211	18.033	ug/l	100
18) Methyl Acetate	2.78	43	38119	20.896	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	63496	19.930	ug/l	97
20) Methylene Chloride	2.85	84	21133	19.680	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	18673	18.966	ug/l	96
22) Diisopropyl ether	3.86	45	71315	19.527	ug/l	91
23) Vinyl Acetate	3.82	43	291231	93.004	ug/l	100
24) 1,1-Dichloroethane	3.69	63	37260	19.123	ug/l	98
25) 2-Butanone	4.70	43	98981	96.310	ug/l	91
26) 2,2-Dichloropropane	4.59	77	21768	15.230	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	20887	19.212	ug/l	94
28) Bromochloromethane	5.01	49	20674	23.741	ug/l	99
29) Tetrahydrofuran	5.15	42	63515	96.252	ug/l	99
30) Chloroform	5.21	83	35121	18.683	ug/l	95
31) Cyclohexane	5.57	56	30678	18.138	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	29414	18.759	ug/l	99
36) 1,1-Dichloropropene	5.80	75	24735	17.738	ug/l	97
37) Ethyl Acetate	4.85	43	35796	19.520	ug/l	99
38) Carbon Tetrachloride	5.78	117	26014	18.634	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	26371	18.659	ug/l	100
40) Benzene	6.15	78	76607	18.845	ug/l	100
41) Methacrylonitrile	5.06	41	18919	19.093	ug/l	99
42) 1,2-Dichloroethane	6.20	62	29360	20.164	ug/l	99
43) Isopropyl Acetate	6.46	43	49705	18.706	ug/l	99
44) Trichloroethene	7.21	130	19338	18.731	ug/l	98
45) 1,2-Dichloropropane	7.51	63	20290	20.563	ug/l	91
46) Dibromomethane	7.66	93	12528	20.234	ug/l	98
47) Bromodichloromethane	7.90	83	24433	20.880	ug/l	99
48) Methyl methacrylate	7.77	41	24046	20.154	ug/l	99
49) 1,4-Dioxane	7.76	88	10531	409.609	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	167183	99.832	ug/l	99
52) Toluene	8.79	92	44304	19.500	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	24422	17.686	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	27141	19.284	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	18789	18.556	ug/l	98
56) Ethyl methacrylate	9.18	69	26840	17.715	ug/l	98
57) 1,3-Dichloropropane	9.37	76	30921	18.171	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	84055	106.722	ug/l	99
59) 2-Hexanone	9.49	43	130211	88.211	ug/l	100
60) Dibromochloromethane	9.59	129	18980	17.344	ug/l	99
61) 1,2-Dibromoethane	9.67	107	19354	17.285	ug/l	100
64) Tetrachloroethene	9.34	164	21660	19.454	ug/l	97
65) Chlorobenzene	10.14	112	50156	19.145	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	18258	20.046	ug/l	100
67) Ethyl Benzene	10.25	91	84129	20.027	ug/l	99
68) m/p-Xylenes	10.36	106	64481	40.241	ug/l	99
69) o-Xylene	10.70	106	30906	21.509	ug/l	99
70) Styrene	10.71	104	51524	21.738	ug/l	99
71) Bromoform	10.86	173	15347	20.101	ug/l #	99
73) Isopropylbenzene	11.02	105	85272	20.495	ug/l	100
74) N-amyl acetate	10.90	43	40438	18.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	29617	19.394	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	24558m	16.763	ug/l	
77) Bromobenzene	11.26	156	23110	19.707	ug/l	99
78) n-propylbenzene	11.36	91	97539	19.892	ug/l	99
79) 2-Chlorotoluene	11.42	91	59924	20.219	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	72667	20.553	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	7880	17.144	ug/l	95
82) 4-Chlorotoluene	11.51	91	69690	19.952	ug/l	100
83) tert-Butylbenzene	11.77	119	69945	19.555	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	74633	19.053	ug/l	99
85) sec-Butylbenzene	11.94	105	85963	19.653	ug/l	99
86) p-Isopropyltoluene	12.07	119	77072	19.893	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	41727	18.541	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	42689	18.529	ug/l	99
89) n-Butylbenzene	12.39	91	65001	18.102	ug/l	99
90) Hexachloroethane	12.60	117	12182	18.833	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	42516	18.858	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7405	19.871	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	30190	19.021	ug/l	100
94) Hexachlorobutadiene	13.78	225	15072	18.078	ug/l	100
95) Naphthalene	13.83	128	91682	18.473	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	31766	19.645	ug/l	99

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

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