

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004366.D
 Acq On : 05 Sep 2018 12:42
 Operator : JC/MD
 Sample : VX0905WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 12:48:29 PM

Quant Time: Sep 06 01:12:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	307925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	190326	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	5.50	113	166042	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	8.71	98	621214	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.14	95	232193	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65279	18.30	ug/l	96
3) Chloromethane	1.32	50	73921	18.93	ug/l	100
4) Vinyl Chloride	1.40	62	77086	19.11	ug/l	100
5) Bromomethane	1.64	94	37522	17.55	ug/l	99
6) Chloroethane	1.72	64	65346	21.94	ug/l	99
7) Trichlorofluoromethane	1.92	101	106203	19.21	ug/l	95
8) Diethyl Ether	2.18	74	48752	20.59	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	67531	19.50	ug/l	98
10) Methyl Iodide	2.51	142	67087	19.97	ug/l	97
11) Tert butyl alcohol	3.07	59	90343	105.60	ug/l	100
12) 1,1-Dichloroethene	2.37	96	61831	18.95	ug/l	98
13) Acrolein	2.29	56	20983	101.73	ug/l	99
14) Allyl chloride	2.73	41	122512	20.44	ug/l	97
15) Acrylonitrile	3.15	53	217697	102.75	ug/l	100
16) Acetone	2.45	43	181783	106.32	ug/l	97
17) Carbon Disulfide	2.57	76	149736	17.06	ug/l	100
18) Methyl Acetate	2.78	43	156661	26.30	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	224137	20.85	ug/l	97
20) Methylene Chloride	2.86	84	75224	19.47	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	68122	18.87	ug/l	97
22) Diisopropyl ether	3.87	45	231562	20.69	ug/l	98
23) Vinyl Acetate	3.82	43	863627	95.22	ug/l	99
24) 1,1-Dichloroethane	3.69	63	130509	20.01	ug/l	99
25) 2-Butanone	4.71	43	282670	103.44	ug/l	99
26) 2,2-Dichloropropane	4.58	77	99952	19.54	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	79999	19.53	ug/l	100
28) Bromochloromethane	5.01	49	58155	20.14	ug/l	98
29) Tetrahydrofuran	5.16	42	178644	103.60	ug/l	99
30) Chloroform	5.21	83	131558	20.12	ug/l	98
31) Cyclohexane	5.57	56	106788	18.98	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	108314	19.87	ug/l	98
36) 1,1-Dichloropropene	5.79	75	95904	19.08	ug/l	99
37) Ethyl Acetate	4.86	43	99008	20.03	ug/l	99
38) Carbon Tetrachloride	5.78	117	91626	19.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107714	18.77	ug/l	98
40) Benzene	6.14	78	298951	19.90	ug/l	99
41) Methacrylonitrile	5.06	41	59712	20.84	ug/l	99
42) 1,2-Dichloroethane	6.20	62	101407	19.79	ug/l	100
43) Isopropyl Acetate	6.46	43	155527	20.47	ug/l	100
44) Trichloroethene	7.21	130	80635	19.39	ug/l	96
45) 1,2-Dichloropropane	7.52	63	76999	20.48	ug/l	100
46) Dibromomethane	7.67	93	48883	19.53	ug/l	99
47) Bromodichloromethane	7.90	83	92444	19.85	ug/l	100
48) Methyl methacrylate	7.77	41	83131	20.45	ug/l	99
49) 1,4-Dioxane	7.76	88	38704	419.37	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	549364	99.53	ug/l	100
52) Toluene	8.79	92	189984	20.21	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101427	19.72	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	114975	20.52	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	77771	20.49	ug/l	97
56) Ethyl methacrylate	9.18	69	105997	20.51	ug/l	98
57) 1,3-Dichloropropane	9.37	76	131631	20.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	265090	100.13	ug/l	99
59) 2-Hexanone	9.50	43	414131	98.35	ug/l	99
60) Dibromochloromethane	9.59	129	73126	19.77	ug/l	99
61) 1,2-Dibromoethane	9.67	107	79040	20.12	ug/l	98
64) Tetrachloroethene	9.34	164	84018	20.68	ug/l	99
65) Chlorobenzene	10.14	112	211625	20.50	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	71249	20.01	ug/l	98
67) Ethyl Benzene	10.25	91	331853	19.80	ug/l	100
68) m/p-Xylenes	10.36	106	263280	40.16	ug/l	96
69) o-Xylene	10.70	106	131615	21.23	ug/l	100
70) Styrene	10.71	104	214502	21.37	ug/l	99
71) Bromoform	10.86	173	54724	19.07	ug/l	99
73) Isopropylbenzene	11.02	105	357258	21.36	ug/l	100
74) N-amyl acetate	10.90	43	129366	20.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	117056	20.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	107397m	20.74	ug/l	
77) Bromobenzene	11.26	156	96825	20.64	ug/l	98
78) n-propylbenzene	11.36	91	411708	21.40	ug/l	99
79) 2-Chlorotoluene	11.42	91	246493	20.82	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	297781	21.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30884	19.35	ug/l	97
82) 4-Chlorotoluene	11.51	91	281321	20.19	ug/l	99
83) tert-Butylbenzene	11.77	119	296101	21.25	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	304726	21.43	ug/l	99
85) sec-Butylbenzene	11.94	105	365420	22.09	ug/l	100
86) p-Isopropyltoluene	12.07	119	326682	22.03	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	178378	20.19	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	183053	19.65	ug/l	99
89) n-Butylbenzene	12.39	91	251319	20.84	ug/l	98
90) Hexachloroethane	12.60	117	43758	21.11	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	163874	20.30	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20922	20.29	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	126095	21.47	ug/l	98
94) Hexachlorobutadiene	13.78	225	64126	23.39	ug/l	96
95) Naphthalene	13.83	128	370577	22.30	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	132648	21.33	ug/l	98

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

