

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004424.D
 Acq On : 07 Sep 2018 23:39
 Operator : JC/MD
 Sample : VX0907WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:15:34 AM

Quant Time: Sep 08 05:14:26 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	5.67	168	320586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	475373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	205423	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.50	113	179635	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.71	98	662937	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.14	95	255621	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57628	15.52	ug/l	98
3) Chloromethane	1.32	50	69323	17.08	ug/l	98
4) Vinyl Chloride	1.40	62	76461	18.20	ug/l	98
5) Bromomethane	1.64	94	38032	17.03	ug/l	97
6) Chloroethane	1.72	64	56216	18.14	ug/l	100
7) Trichlorofluoromethane	1.93	101	110028	19.11	ug/l	94
8) Diethyl Ether	2.18	74	51411	20.86	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69107	19.17	ug/l	100
10) Methyl Iodide	2.51	142	60027	17.76	ug/l	98
11) Tert butyl alcohol	3.07	59	105901	118.90	ug/l	99
12) 1,1-Dichloroethene	2.37	96	64465	18.98	ug/l	99
13) Acrolein	2.29	56	18735	87.25	ug/l	89
14) Allyl chloride	2.73	41	127217	20.39	ug/l	95
15) Acrylonitrile	3.15	53	240452	109.01	ug/l	100
16) Acetone	2.45	43	197623	111.38	ug/l	98
17) Carbon Disulfide	2.57	76	156460	17.12	ug/l	99
18) Methyl Acetate	2.78	43	175578	28.32	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	237965	21.26	ug/l	97
20) Methylene Chloride	2.85	84	80326	19.97	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	70566	18.77	ug/l	96
22) Diisopropyl ether	3.87	45	242360	20.80	ug/l	95
23) Vinyl Acetate	3.82	43	889434	94.19	ug/l	100
24) 1,1-Dichloroethane	3.69	63	137668	20.28	ug/l	99
25) 2-Butanone	4.70	43	303359	106.72	ug/l	100
26) 2,2-Dichloropropane	4.58	77	75147	14.11	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	82857	19.43	ug/l	97
28) Bromochloromethane	5.01	49	64560	21.48	ug/l	99
29) Tetrahydrofuran	5.16	42	191769	106.82	ug/l	100
30) Chloroform	5.21	83	138377	20.33	ug/l	98
31) Cyclohexane	5.57	56	109813	18.75	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	112192	19.76	ug/l	99
36) 1,1-Dichloropropene	5.79	75	97751	18.29	ug/l	99
37) Ethyl Acetate	4.86	43	104576	19.90	ug/l	99
38) Carbon Tetrachloride	5.78	117	96154	19.13	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107552	17.63	ug/l	99
40) Benzene	6.14	78	311351	19.50	ug/l	99
41) Methacrylonitrile	5.06	41	63459	20.83	ug/l	99
42) 1,2-Dichloroethane	6.20	62	106009	19.46	ug/l	99
43) Isopropyl Acetate	6.46	43	163810	20.28	ug/l	99
44) Trichloroethene	7.21	130	84358	19.08	ug/l	95
45) 1,2-Dichloropropane	7.52	63	80356	20.11	ug/l	99
46) Dibromomethane	7.66	93	51929	19.51	ug/l	99
47) Bromodichloromethane	7.90	83	98720	19.94	ug/l	97
48) Methyl methacrylate	7.78	41	88416	20.46	ug/l	98
49) 1,4-Dioxane	7.76	88	44595	454.51	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	589250	100.42	ug/l	99
52) Toluene	8.79	92	199336	19.94	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101415	18.54	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	115730	19.43	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	83398	20.67	ug/l	97
56) Ethyl methacrylate	9.18	69	110674	20.15	ug/l	98
57) 1,3-Dichloropropane	9.37	76	140634	20.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	289463	102.84	ug/l	99
59) 2-Hexanone	9.50	43	443081	98.97	ug/l	99
60) Dibromochloromethane	9.59	129	78906	20.07	ug/l	100
61) 1,2-Dibromoethane	9.67	107	84108	20.14	ug/l	99
64) Tetrachloroethene	9.34	164	93869	21.71	ug/l	99
65) Chlorobenzene	10.14	112	214286	19.51	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	77881	20.56	ug/l	99
67) Ethyl Benzene	10.25	91	357406	20.03	ug/l	92
68) m/p-Xylenes	10.36	106	280061	40.15	ug/l	98
69) o-Xylene	10.70	106	134778	20.43	ug/l	98
70) Styrene	10.71	104	229029	21.44	ug/l	98
71) Bromoform	10.86	173	60135	19.69	ug/l #	99
73) Isopropylbenzene	11.02	105	374759	20.56	ug/l	100
74) N-amyl acetate	10.90	43	137423	19.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	125615	19.70	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	113477m	20.11	ug/l	
77) Bromobenzene	11.26	156	101213	19.80	ug/l	97
78) n-propylbenzene	11.36	91	425769	20.31	ug/l	99
79) 2-Chlorotoluene	11.42	91	258725	20.05	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	310523	20.57	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29469	16.94	ug/l	98
82) 4-Chlorotoluene	11.51	91	297844	19.62	ug/l	100
83) tert-Butylbenzene	11.77	119	301579	19.86	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	321386	20.74	ug/l	100
85) sec-Butylbenzene	11.94	105	377301	20.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	337358	20.88	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187131	19.44	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189348	18.66	ug/l	98
89) n-Butylbenzene	12.39	91	275756	20.99	ug/l	97
90) Hexachloroethane	12.60	117	45127	19.98	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	183767	20.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21949	19.54	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127740	19.96	ug/l	100
94) Hexachlorobutadiene	13.79	225	64012	21.42	ug/l	97
95) Naphthalene	13.83	128	390593	21.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	140985	20.81	ug/l	98

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

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