

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003942.D
 Acq On : 09 Aug 2018 11:31
 Operator : JC/MD
 Sample : VX0809WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:55:24 AM

Quant Time: Aug 10 01:21:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	420842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	597234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	545297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	334694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	265363	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	5.50	113	220498	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	8.71	98	852564	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.14	95	318585	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77492	18.17	ug/l	98
3) Chloromethane	1.32	50	88378	15.23	ug/l	99
4) Vinyl Chloride	1.40	62	98198	16.97	ug/l	100
5) Bromomethane	1.64	94	54175	14.77	ug/l	98
6) Chloroethane	1.72	64	72140	19.49	ug/l	98
7) Trichlorofluoromethane	1.93	101	137921	18.05	ug/l	98
8) Diethyl Ether	2.19	74	62239	18.12	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86999	18.22	ug/l	99
10) Methyl Iodide	2.51	142	68360	11.51	ug/l	99
11) Tert butyl alcohol	3.07	59	115576	86.22	ug/l	100
12) 1,1-Dichloroethene	2.37	96	80053	17.72	ug/l	98
13) Acrolein	2.29	56	58343	80.07	ug/l	98
14) Allyl chloride	2.73	41	151343	17.38	ug/l	98
15) Acrylonitrile	3.15	53	267668	83.68	ug/l	100
16) Acetone	2.45	43	294527	88.74	ug/l	99
17) Carbon Disulfide	2.57	76	217206	17.26	ug/l	99
18) Methyl Acetate	2.78	43	125500	17.37	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	290774	18.17	ug/l	99
20) Methylene Chloride	2.86	84	95717	17.10	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	88943	17.34	ug/l	96
22) Diisopropyl ether	3.87	45	281897	17.61	ug/l	99
23) Vinyl Acetate	3.82	43	1159728	87.08	ug/l	98
24) 1,1-Dichloroethane	3.70	63	164184	17.27	ug/l	99
25) 2-Butanone	4.70	43	435013	87.18	ug/l	99
26) 2,2-Dichloropropane	4.58	77	131568	19.19	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	100917	18.14	ug/l	99
28) Bromochloromethane	5.02	49	82832	20.36	ug/l	98
29) Tetrahydrofuran	5.16	42	215899	84.18	ug/l	99
30) Chloroform	5.21	83	163597	18.28	ug/l	98
31) Cyclohexane	5.57	56	141818	17.64	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137139	18.27	ug/l	99
36) 1,1-Dichloropropene	5.80	75	123366	18.44	ug/l	99
37) Ethyl Acetate	4.86	43	130856	17.78	ug/l	99
38) Carbon Tetrachloride	5.78	117	120340	18.90	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	146632	18.59	ug/l	99
40) Benzene	6.14	78	378249	18.83	ug/l	100
41) Methacrylonitrile	5.06	41	72592	17.91	ug/l	99
42) 1,2-Dichloroethane	6.20	62	128127	18.87	ug/l	100
43) Isopropyl Acetate	6.46	43	200387	18.10	ug/l	99
44) Trichloroethene	7.21	130	101837	18.54	ug/l	98
45) 1,2-Dichloropropane	7.52	63	94545	18.23	ug/l	99
46) Dibromomethane	7.67	93	61418	18.24	ug/l	99
47) Bromodichloromethane	7.90	83	117872	18.58	ug/l	99
48) Methyl methacrylate	7.78	41	101645	18.06	ug/l	98
49) 1,4-Dioxane	7.76	88	49328	372.02	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	836317	91.12	ug/l	99
52) Toluene	8.79	92	242353	19.10	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	130336	18.18	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	146672	18.97	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	95684	18.45	ug/l	99
56) Ethyl methacrylate	9.18	69	138620	18.42	ug/l	99
57) 1,3-Dichloropropane	9.37	76	161497	18.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	369853	99.96	ug/l	100
59) 2-Hexanone	9.49	43	645460	94.08	ug/l	99
60) Dibromochloromethane	9.59	129	93777	19.39	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99352	19.13	ug/l	98
64) Tetrachloroethene	9.34	164	94962	17.70	ug/l	96
65) Chlorobenzene	10.14	112	263578	18.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	91948	18.85	ug/l	99
67) Ethyl Benzene	10.25	91	450421	19.39	ug/l	97
68) m/p-Xylenes	10.36	106	356257	39.25	ug/l	96
69) o-Xylene	10.70	106	169836	19.82	ug/l	95
70) Styrene	10.71	104	280431	19.99	ug/l	97
71) Bromoform	10.86	173	69835	18.81	ug/l	98
73) Isopropylbenzene	11.02	105	460149	18.59	ug/l	97
74) N-amyl acetate	6.46	43	200387	15.56	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	147082	17.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	132539m	17.93	ug/l	
77) Bromobenzene	11.26	156	118939	18.01	ug/l	99
78) n-propylbenzene	11.36	91	525918	18.92	ug/l	99
79) 2-Chlorotoluene	11.42	91	312398	18.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	373200	18.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	41278	16.73	ug/l	98
82) 4-Chlorotoluene	11.51	91	363127	18.28	ug/l	100
83) tert-Butylbenzene	11.77	119	375511	18.91	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	396919	19.55	ug/l	100
85) sec-Butylbenzene	11.95	105	443252	18.91	ug/l	98
86) p-Isopropyltoluene	12.07	119	408411	19.42	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220901	18.09	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	229430	19.43	ug/l	99
89) n-Butylbenzene	12.39	91	329273	17.97	ug/l	98
90) Hexachloroethane	12.60	117	54833	16.06	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	207151	17.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26015	14.96	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	147914	16.99	ug/l	98
94) Hexachlorobutadiene	13.79	225	72826	19.23	ug/l	97
95) Naphthalene	13.83	128	460534	18.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	162378	18.69	ug/l	99

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

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