

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003961.D
 Acq On : 09 Aug 2018 19:57
 Operator : JC/MD
 Sample : J4379-13MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMS

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:56:34 AM

Quant Time: Aug 10 03:07:32 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	5.67	168	315538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	449305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	262676	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	215560	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	5.51	113	181800	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.72	98	687958	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.14	95	260821	57.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	152625	47.73	ug/l	99
3) Chloromethane	1.32	50	181290	41.67	ug/l	100
4) Vinyl Chloride	1.40	62	202070	46.57	ug/l	98
5) Bromomethane	1.64	94	76475	32.11	ug/l	98
6) Chloroethane	1.71	64	157243	56.65	ug/l	98
7) Trichlorofluoromethane	1.92	101	280538	48.98	ug/l	99
8) Diethyl Ether	2.19	74	130878	50.83	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	170348	47.58	ug/l	100
10) Methyl Iodide	2.51	142	122483	27.50	ug/l	100
11) Tert butyl alcohol	3.08	59	285745	284.29	ug/l	100
12) 1,1-Dichloroethene	2.37	96	167365	49.42	ug/l	98
13) Acrolein	2.29	56	106369	204.66	ug/l	100
14) Allyl chloride	2.73	41	323083	49.49	ug/l	99
15) Acrylonitrile	3.15	53	622176	259.42	ug/l	100
16) Acetone	2.45	43	648877	260.76	ug/l	100
17) Carbon Disulfide	2.56	76	473449	49.33	ug/l	99
18) Methyl Acetate	2.78	43	284868	52.57	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	610390	50.86	ug/l	100
20) Methylene Chloride	2.85	84	200970	51.30	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	181665	47.25	ug/l	96
22) Diisopropyl ether	3.87	45	597320	49.77	ug/l	99
23) Vinyl Acetate	3.82	43	2418069	242.17	ug/l	100
24) 1,1-Dichloroethane	3.70	63	359784	50.47	ug/l	100
25) 2-Butanone	4.71	43	1041612	278.41	ug/l	98
26) 2,2-Dichloropropane	4.59	77	196247	38.17	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	213478	51.17	ug/l	95
28) Bromochloromethane	5.02	49	157734	51.71	ug/l	98
29) Tetrahydrofuran	5.17	42	516796	268.75	ug/l	100
30) Chloroform	5.21	83	341708	50.92	ug/l	99
31) Cyclohexane	5.57	56	297485	49.35	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	287592	51.10	ug/l	99
36) 1,1-Dichloropropene	5.80	75	259352	48.33	ug/l	100
37) Ethyl Acetate	4.87	43	286058	48.46	ug/l	99
38) Carbon Tetrachloride	5.78	117	255945	50.11	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	294091	46.48	ug/l	98
40) Benzene	6.14	78	859946	53.36	ug/l	100
41) Methacrylonitrile	5.06	41	166789	51.30	ug/l	99
42) 1,2-Dichloroethane	6.20	62	276528	50.75	ug/l	100
43) Isopropyl Acetate	6.47	43	446370	50.25	ug/l	99
44) Trichloroethene	7.21	130	208503	47.31	ug/l	94
45) 1,2-Dichloropropane	7.52	63	205235	49.32	ug/l	100
46) Dibromomethane	7.67	93	132840	49.17	ug/l	100
47) Bromodichloromethane	7.90	83	256664	50.43	ug/l	100
48) Methyl methacrylate	7.78	41	238300	52.77	ug/l	98
49) 1,4-Dioxane	7.76	88	116888	1098.77	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2058328	279.53	ug/l	99
52) Toluene	8.79	92	505249	49.62	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	277178	48.18	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	296336	47.77	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	207069	49.77	ug/l	99
56) Ethyl methacrylate	9.18	69	321664	53.28	ug/l	100
57) 1,3-Dichloropropane	9.37	76	348560	50.05	ug/l	100
59) 2-Hexanone	9.50	43	1621589	294.60	ug/l	100
60) Dibromochloromethane	9.59	129	210265	54.20	ug/l	99
61) 1,2-Dibromoethane	9.68	107	218001	52.33	ug/l	100
64) Tetrachloroethene	9.34	164	188840	42.72	ug/l	96
65) Chlorobenzene	10.14	112	557412	47.68	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	200307	49.84	ug/l	98
67) Ethyl Benzene	10.26	91	949636	49.62	ug/l	99
68) m/p-Xylenes	10.36	106	756978	101.23	ug/l	95
69) o-Xylene	10.70	106	368050	52.14	ug/l	97
70) Styrene	10.71	104	606001	52.43	ug/l	98
71) Bromoform	10.86	173	167884	49.31	ug/l	99
73) Isopropylbenzene	11.02	105	968510	49.84	ug/l	97
74) N-amyl acetate	6.47	43	446370	44.17	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	336180	50.48	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	295941m	51.01	ug/l	
77) Bromobenzene	11.26	156	254362	49.07	ug/l	100
78) n-propylbenzene	11.36	91	1090670	49.98	ug/l	99
79) 2-Chlorotoluene	11.42	91	653631	49.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	808821	51.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	88344	41.80	ug/l	98
82) 4-Chlorotoluene	11.51	91	766020	49.15	ug/l	100
83) tert-Butylbenzene	11.77	119	815850	52.34	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	842800	52.90	ug/l	99
85) sec-Butylbenzene	11.95	105	944348	51.33	ug/l	99
86) p-Isopropyltoluene	12.07	119	822154	49.81	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	458552	47.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	454210	49.43	ug/l	100
89) n-Butylbenzene	12.39	91	634587	44.12	ug/l	100
90) Hexachloroethane	12.60	117	117241	43.74	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	418547	44.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	66133	48.47	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	335398	49.10	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	155036	51.43	ug/l	99
95) Naphthalene	13.83	128	1401664	71.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	363539	53.33	ug/l	99

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

