

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004075.D
 Acq On : 15 Aug 2018 16:27
 Operator : JC/MD
 Sample : VX0815WBS01
 Misc : 5.00mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:10 PM

Quant Time: Aug 16 06:35:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	451402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	220188	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.51	113	177072	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	8.72	98	696809	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.14	95	251235	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60162	19.97	ug/l	98
3) Chloromethane	1.32	50	72612	19.64	ug/l	99
4) Vinyl Chloride	1.40	62	79770	19.94	ug/l	98
5) Bromomethane	1.64	94	44529	21.87	ug/l	97
6) Chloroethane	1.73	64	55976	20.21	ug/l	100
7) Trichlorofluoromethane	1.93	101	108691	19.37	ug/l	98
8) Diethyl Ether	2.18	74	47630	19.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66228	18.92	ug/l	99
10) Methyl Iodide	2.51	142	66315	20.97	ug/l	98
11) Tert butyl alcohol	3.04	59	91395	104.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63144	19.39	ug/l	99
13) Acrolein	2.29	56	51752	94.01	ug/l	100
14) Allyl chloride	2.73	41	121601	19.63	ug/l	97
15) Acrylonitrile	3.14	53	220862	100.88	ug/l	99
16) Acetone	2.44	43	239693	105.72	ug/l	99
17) Carbon Disulfide	2.57	76	166752	18.06	ug/l	99
18) Methyl Acetate	2.77	43	102871	20.42	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	225244	19.64	ug/l	98
20) Methylene Chloride	2.86	84	76292	20.23	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	70553	19.08	ug/l	99
22) Diisopropyl ether	3.87	45	237924	19.60	ug/l	96
23) Vinyl Acetate	3.82	43	1005642	100.86	ug/l	99
24) 1,1-Dichloroethane	3.70	63	133781	19.46	ug/l	100
25) 2-Butanone	4.70	43	380681	103.20	ug/l	97
26) 2,2-Dichloropropane	4.59	77	105045	19.22	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	79936	19.22	ug/l	96
28) Bromochloromethane	5.02	49	64024	20.30	ug/l	93
29) Tetrahydrofuran	5.16	42	188557	100.05	ug/l	97
30) Chloroform	5.21	83	130201	19.40	ug/l	98
31) Cyclohexane	5.57	56	113194	18.78	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	110475	19.70	ug/l	99
36) 1,1-Dichloropropene	5.80	75	98996	19.27	ug/l	99
37) Ethyl Acetate	4.85	43	112678	20.14	ug/l	99
38) Carbon Tetrachloride	5.79	117	94457	18.93	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110557	18.97	ug/l	99
40) Benzene	6.15	78	307844	19.96	ug/l	99
41) Methacrylonitrile	5.06	41	61132	19.51	ug/l	98
42) 1,2-Dichloroethane	6.20	62	106619	19.75	ug/l	100
43) Isopropyl Acetate	6.46	43	162926	19.76	ug/l	99
44) Trichloroethene	7.21	130	80481	19.22	ug/l	96
45) 1,2-Dichloropropane	7.52	63	77367	19.59	ug/l	100
46) Dibromomethane	7.67	93	50984	19.76	ug/l	98
47) Bromodichloromethane	7.90	83	93898	19.21	ug/l	99
48) Methyl methacrylate	7.78	41	83827	20.20	ug/l	99
49) 1,4-Dioxane	7.76	88	38120	407.94	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	715454	105.83	ug/l	99
52) Toluene	8.79	92	196361	20.13	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	103113	19.53	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	115419	19.74	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	78920	19.59	ug/l	99
56) Ethyl methacrylate	9.18	69	107499	19.62	ug/l	99
57) 1,3-Dichloropropane	9.37	76	133844	20.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	295567	105.96	ug/l	99
59) 2-Hexanone	9.50	43	544332	106.98	ug/l	99
60) Dibromochloromethane	9.59	129	73704	19.01	ug/l	99
61) 1,2-Dibromoethane	9.68	107	81693	19.89	ug/l	99
64) Tetrachloroethene	9.34	164	79144	19.58	ug/l	95
65) Chlorobenzene	10.14	112	216404	19.65	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	73739	19.63	ug/l	98
67) Ethyl Benzene	10.26	91	355005	20.35	ug/l	99
68) m/p-Xylenes	10.36	106	281203	41.17	ug/l	97
69) o-Xylene	10.70	106	132046	20.23	ug/l	94
70) Styrene	10.71	104	225647	20.54	ug/l	97
71) Bromoform	10.86	173	54360	18.25	ug/l #	99
73) Isopropylbenzene	11.02	105	356510	20.48	ug/l	97
74) N-amyl acetate	6.46	43	162926	19.90	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	122024	20.07	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	111462m	21.61	ug/l	
77) Bromobenzene	11.26	156	96354	20.08	ug/l	99
78) n-propylbenzene	11.36	91	414323	21.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	249670	21.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	299575	21.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30624	18.38	ug/l	92
82) 4-Chlorotoluene	11.51	91	294328	20.97	ug/l	100
83) tert-Butylbenzene	11.77	119	289010	20.11	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	313089	21.21	ug/l	100
85) sec-Butylbenzene	11.94	105	353177	21.00	ug/l	99
86) p-Isopropyltoluene	12.07	119	306975	20.16	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	177316	19.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	173373	18.41	ug/l	98
89) n-Butylbenzene	12.39	91	237532	19.80	ug/l	97
90) Hexachloroethane	12.60	117	42200	18.52	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	155721	18.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20516	19.20	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110594	19.60	ug/l	99
94) Hexachlorobutadiene	13.79	225	53476	18.91	ug/l	97
95) Naphthalene	13.83	128	368689	21.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125875	20.46	ug/l	100

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

