

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008653.D
 Acq On : 04 Apr 2019 22:43
 Operator : JC/SP
 Sample : VX0404WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:53:54 AM

Quant Time: Apr 05 08:58:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122117	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.49	113	89147	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	8.71	98	365547	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.13	95	131147	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35903	17.639	ug/l	97
3) Chloromethane	1.32	50	51291	19.532	ug/l	99
4) Vinyl Chloride	1.40	62	49044	17.824	ug/l	100
5) Bromomethane	1.64	94	22969	18.192	ug/l	98
6) Chloroethane	1.71	64	32701	19.941	ug/l	98
7) Trichlorofluoromethane	1.93	101	55855	18.364	ug/l	96
8) Diethyl Ether	2.19	74	27159	18.829	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34771	17.756	ug/l	99
10) Methyl Iodide	2.51	142	21109	14.891	ug/l	99
11) Tert butyl alcohol	3.05	59	62061	102.783	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37155	18.175	ug/l	99
13) Acrolein	2.29	56	20636	68.924	ug/l	98
14) Allyl chloride	2.73	41	83954	17.939	ug/l	99
15) Acrylonitrile	3.14	53	150922	94.350	ug/l	100
16) Acetone	2.44	43	129304	87.044	ug/l	97
17) Carbon Disulfide	2.57	76	107246	17.689	ug/l	99
18) Methyl Acetate	2.77	43	66415	18.434	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	140374	19.228	ug/l	97
20) Methylene Chloride	2.85	84	45340	18.234	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	39648	17.930	ug/l	93
22) Diisopropyl ether	3.85	45	170254	18.875	ug/l	91
23) Vinyl Acetate	3.81	43	746998	95.197	ug/l	99
24) 1,1-Dichloroethane	3.70	63	82787	18.537	ug/l	99
25) 2-Butanone	4.67	43	221801	94.468	ug/l	100
26) 2,2-Dichloropropane	4.59	77	47477	15.094	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	46533	18.304	ug/l	96
28) Bromochloromethane	5.01	49	39888	19.538	ug/l	100
29) Tetrahydrofuran	5.13	42	147328	94.541	ug/l	100
30) Chloroform	5.21	83	74714	18.731	ug/l	95
31) Cyclohexane	5.58	56	79072	17.744	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	59918	18.589	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56428	17.082	ug/l	99
37) Ethyl Acetate	4.84	43	83338	18.900	ug/l	99
38) Carbon Tetrachloride	5.78	117	48925	17.894	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67197	16.467	ug/l	99
40) Benzene	6.14	78	181073	18.399	ug/l	98
41) Methacrylonitrile	5.04	41	45634	18.005	ug/l	98
42) 1,2-Dichloroethane	6.20	62	62439	17.698	ug/l	99
43) Isopropyl Acetate	6.45	43	128575	18.614	ug/l	99
44) Trichloroethene	7.21	130	40972	17.875	ug/l	99
45) 1,2-Dichloropropane	7.51	63	51074	18.183	ug/l	100
46) Dibromomethane	7.66	93	28707	17.621	ug/l	99
47) Bromodichloromethane	7.90	83	55980	18.224	ug/l	100
48) Methyl methacrylate	7.77	41	65102	18.632	ug/l	100
49) 1,4-Dioxane	7.74	88	26880	410.675	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	430537	96.827	ug/l	99
52) Toluene	8.79	92	107574	18.541	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	60390	17.551	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68584	17.444	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	43032	18.477	ug/l	100
56) Ethyl methacrylate	9.18	69	81161	19.261	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77243	18.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207819	96.586	ug/l	100
59) 2-Hexanone	9.49	43	336253	97.308	ug/l	99
60) Dibromochloromethane	9.58	129	39844	18.155	ug/l	98
61) 1,2-Dibromoethane	9.67	107	44480	18.346	ug/l	99
64) Tetrachloroethene	9.34	164	35212	17.707	ug/l	99
65) Chlorobenzene	10.14	112	107897	18.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38000	18.206	ug/l	99
67) Ethyl Benzene	10.25	91	202149	18.221	ug/l	99
68) m/p-Xylenes	10.36	106	146415	36.705	ug/l	100
69) o-Xylene	10.70	106	72189	18.674	ug/l	100
70) Styrene	10.71	104	125255	18.797	ug/l	99
71) Bromoform	10.85	173	28629	17.959	ug/l #	100
73) Isopropylbenzene	11.02	105	190777	18.708	ug/l	100
74) N-amyl acetate	10.90	43	116035	19.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72834	18.779	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	62017m	18.346	ug/l	
77) Bromobenzene	11.26	156	45708	18.644	ug/l	99
78) n-propylbenzene	11.36	91	216616	18.243	ug/l	99
79) 2-Chlorotoluene	11.42	91	132268	18.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160863	18.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19995	16.305	ug/l	91
82) 4-Chlorotoluene	11.51	91	149538	17.978	ug/l	99
83) tert-Butylbenzene	11.77	119	156142	18.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	161303	18.609	ug/l	99
85) sec-Butylbenzene	11.94	105	180234	18.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	161048	18.342	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79384	18.088	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	79312	17.846	ug/l	99
89) n-Butylbenzene	12.38	91	142750	17.336	ug/l	100
90) Hexachloroethane	12.60	117	26138	17.949	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	81022	18.593	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16575	19.427	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	55431	18.295	ug/l	99
94) Hexachlorobutadiene	13.78	225	26184	18.020	ug/l	99
95) Naphthalene	13.83	128	197358	19.490	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57097	18.861	ug/l	99

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

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