

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX005039.D
 Acq On : 05 Oct 2018 00:30
 Operator : JC/MD
 Sample : J5207-18MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:52 PM

Quant Time: Oct 05 05:12:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187651	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	161955	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.50	113	127413	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
50) Toluene-d8	8.72	98	481328	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	11.14	95	177549	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150134	51.589	ug/l	99
3) Chloromethane	1.32	50	170136	48.187	ug/l	100
4) Vinyl Chloride	1.40	62	171601	51.820	ug/l	98
5) Bromomethane	1.64	94	113476	57.787	ug/l	96
6) Chloroethane	1.71	64	99309	55.274	ug/l	96
7) Trichlorofluoromethane	1.92	101	218938	53.405	ug/l	95
8) Diethyl Ether	2.19	74	91637	51.453	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120774	51.718	ug/l	99
10) Methyl Iodide	2.51	142	141908	45.412	ug/l	92
11) Tert butyl alcohol	3.08	59	224034	262.789	ug/l	99
12) 1,1-Dichloroethene	2.37	96	118198	51.108	ug/l	93
13) Acrolein	2.29	56	39093	64.450	ug/l	91
14) Allyl chloride	2.73	41	265984	52.711	ug/l	96
15) Acrylonitrile	3.15	53	516264	275.087	ug/l	97
16) Acetone	2.45	43	456863	256.657	ug/l	92
17) Carbon Disulfide	2.57	76	322134	46.355	ug/l	100
18) Methyl Acetate	2.78	43	256910	56.965	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	453217	56.814	ug/l	96
20) Methylene Chloride	2.85	84	142582	55.178	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	127774	50.471	ug/l	85
22) Diisopropyl ether	3.87	45	461882	54.357	ug/l	96
23) Vinyl Acetate	3.82	43	1717241	220.783	ug/l	98
24) 1,1-Dichloroethane	3.70	63	261665	51.624	ug/l	99
25) 2-Butanone	4.71	43	686222	261.532	ug/l	97
26) 2,2-Dichloropropane	4.58	77	136368	38.636	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	142931	50.538	ug/l	97
28) Bromochloromethane	5.02	49	121380	50.853	ug/l	98
29) Tetrahydrofuran	5.16	42	448086	274.762	ug/l	98
30) Chloroform	5.21	83	241562	50.427	ug/l	100
31) Cyclohexane	5.57	56	204682	52.761	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	203635	52.051	ug/l	95
36) 1,1-Dichloropropene	5.80	75	175815	47.166	ug/l	94
37) Ethyl Acetate	4.86	43	209567	42.354	ug/l	98
38) Carbon Tetrachloride	5.78	117	177574	45.319	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191496	50.311	ug/l #	85
40) Benzene	6.14	78	544297	46.641	ug/l	95
41) Methacrylonitrile	5.06	41	136592	49.778	ug/l	98
42) 1,2-Dichloroethane	6.20	62	199061	48.252	ug/l	97
43) Isopropyl Acetate	6.46	43	336617	47.134	ug/l	97
44) Trichloroethene	7.21	130	145459	50.704	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146100	51.052	ug/l	99
46) Dibromomethane	7.66	93	94511	52.549	ug/l	100
47) Bromodichloromethane	7.90	83	181550	53.915	ug/l	99
48) Methyl methacrylate	7.78	41	189871	58.575	ug/l	100
49) 1,4-Dioxane	7.76	88	82138	1019.954	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1290119	286.903	ug/l	99
52) Toluene	8.79	92	335438	52.311	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	194778	51.187	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	207926	52.168	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	144342	51.389	ug/l	96
56) Ethyl methacrylate	9.18	69	227201	49.856	ug/l	96
57) 1,3-Dichloropropane	9.37	76	240737	51.497	ug/l	98
59) 2-Hexanone	9.50	43	1025257	273.607	ug/l	95
60) Dibromochloromethane	9.59	129	147970	52.676	ug/l	98
61) 1,2-Dibromoethane	9.68	107	148075	49.225	ug/l	95
64) Tetrachloroethene	9.34	164	143646	47.046	ug/l	96
65) Chlorobenzene	10.14	112	381972	48.016	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	138787	49.626	ug/l	99
67) Ethyl Benzene	10.26	91	636232	50.376	ug/l	97
68) m/p-Xylenes	10.36	106	497059	100.714	ug/l	95
69) o-Xylene	10.70	106	242463	53.488	ug/l	98
70) Stvrene	10.71	104	408078	48.212	ug/l	100
71) Bromoform	10.86	173	120758	50.436	ug/l #	96
73) Isopropylbenzene	11.02	105	638983	54.023	ug/l	99
74) N-amyl acetate	10.90	43	271484	42.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	234401	48.684	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	215616m	51.265	ug/l	
77) Bromobenzene	11.26	156	175881	51.195	ug/l	99
78) n-propylbenzene	11.36	91	725738	53.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	444286	52.522	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	541546	49.955	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62196	40.716	ug/l	99
82) 4-Chlorotoluene	11.51	91	520771	52.303	ug/l	99
83) tert-Butylbenzene	11.77	119	536474	55.089	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	564144	50.463	ug/l	99
85) sec-Butylbenzene	11.94	105	628072	52.950	ug/l	100
86) p-Isopropyltoluene	12.07	119	563349	52.421	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	315853	49.236	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	322851	48.753	ug/l	100
89) n-Butylbenzene	12.39	91	496116	50.832	ug/l	100
90) Hexachloroethane	12.60	117	90345	50.492	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	323529	48.259	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54680	51.723	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	234656	49.897	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	106397	43.630	ug/l	98
95) Naphthalene	13.83	128	784450	50.253	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244577	50.345	ug/l	99

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

