

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100918\
 Data File : VX005178.D
 Acq On : 09 Oct 2018 23:51
 Operator : JC/MD
 Sample : J5303-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MS

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 2:08:05 PM

Quant Time: Oct 10 08:07:07 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	168725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137519	57.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.12%	
35) Dibromofluoromethane	5.50	113	108817	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.72	98	394354	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
62) 4-Bromofluorobenzene	11.14	95	146331	55.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105407	45.819	ug/l	99
3) Chloromethane	1.32	50	133517	47.837	ug/l	98
4) Vinyl Chloride	1.41	62	139307	53.216	ug/l	89
5) Bromomethane	1.64	94	95087	61.255	ug/l	95
6) Chloroethane	1.71	64	83030	58.601	ug/l	99
7) Trichlorofluoromethane	1.92	101	174156	53.739	ug/l	89
8) Diethyl Ether	2.19	74	72958	51.821	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88036	47.689	ug/l	99
10) Methyl Iodide	2.51	142	122130	49.440	ug/l	93
11) Tert butyl alcohol	3.08	59	199824	296.508	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93567	51.180	ug/l	95
13) Acrolein	2.29	56	34919	72.825	ug/l	90
14) Allyl chloride	2.72	41	193384	48.480	ug/l	95
15) Acrylonitrile	3.15	53	423520	285.474	ug/l	96
16) Acetone	2.45	43	400404	284.551	ug/l	95
17) Carbon Disulfide	2.56	76	231262	42.097	ug/l	99
18) Methyl Acetate	2.78	43	171843	48.201	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	366968	58.193	ug/l	95
20) Methylene Chloride	2.85	84	113535	55.587	ug/l	86
21) trans-1,2-Dichloroethene	3.16	96	98838	49.387	ug/l	87
22) Diisopropyl ether	3.87	45	359519	53.523	ug/l	95
23) Vinyl Acetate	3.82	43	1005698	163.568	ug/l	99
24) 1,1-Dichloroethane	3.70	63	213596	53.308	ug/l	100
25) 2-Butanone	4.71	43	550397	265.357	ug/l	96
26) 2,2-Dichloropropane	4.58	77	45022	16.136	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	108230	48.410	ug/l	96
28) Bromochloromethane	5.02	49	103307	54.751	ug/l	99
29) Tetrahydrofuran	5.17	42	358848	278.355	ug/l	98
30) Chloroform	5.21	83	194603	51.389	ug/l	98
31) Cyclohexane	5.57	56	139049	45.342	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	162758	52.628	ug/l	96
36) 1,1-Dichloropropene	5.80	75	131393	43.642	ug/l	94
37) Ethyl Acetate	4.87	43	130673	32.697	ug/l	98
38) Carbon Tetrachloride	5.77	117	143065	45.205	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117332	38.166	ug/l	86
40) Benzene	6.14	78	421654	44.735	ug/l	94
41) Methacrylonitrile	5.06	41	107125	48.334	ug/l	97
42) 1,2-Dichloroethane	6.20	62	158747	47.642	ug/l	97
43) Isopropyl Acetate	6.46	43	223389	38.727	ug/l	96
44) Trichloroethene	7.21	130	108844	46.974	ug/l	98
45) 1,2-Dichloropropane	7.52	63	116832	50.545	ug/l	100
46) Dibromomethane	7.66	93	74810	51.499	ug/l	100
47) Bromodichloromethane	7.90	83	147179	54.115	ug/l	99
48) Methyl methacrylate	7.78	41	148788	56.830	ug/l	99
49) 1,4-Dioxane	7.76	88	72277	1111.196	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1037025	285.528	ug/l	99
52) Toluene	8.79	92	260971	50.388	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	132146	42.996	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	140346	43.597	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	116856	51.509	ug/l	96
56) Ethyl methacrylate	9.18	69	174239	47.482	ug/l	98
57) 1,3-Dichloropropane	9.37	76	192670	51.027	ug/l	98
59) 2-Hexanone	9.50	43	831531	274.743	ug/l	95
60) Dibromochloromethane	9.59	129	121143	53.394	ug/l	98
61) 1,2-Dibromoethane	9.67	107	118269	48.678	ug/l	96
64) Tetrachloroethene	9.34	164	105182	42.192	ug/l	96
65) Chlorobenzene	10.14	112	294946	45.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	114006	49.928	ug/l	99
67) Ethyl Benzene	10.26	91	488683	47.391	ug/l	96
68) m/p-Xylenes	10.36	106	381306	94.627	ug/l	96
69) o-Xylene	10.70	106	185703	50.175	ug/l	100
70) Stvrene	10.71	104	315660	45.789	ug/l	100
71) Bromoform	10.86	173	99025	50.655	ug/l	95
73) Isopropylbenzene	11.02	105	491135	50.024	ug/l	99
74) N-amyl acetate	10.90	43	163490	30.985	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193101	48.316	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	171062m	48.997	ug/l	
77) Bromobenzene	11.26	156	138455	48.551	ug/l	100
78) n-propylbenzene	11.36	91	546479	48.511	ug/l	99
79) 2-Chlorotoluene	11.42	91	348588	49.644	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	421118	46.785	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36645	29.477	ug/l	99
82) 4-Chlorotoluene	11.51	91	402632	48.716	ug/l	99
83) tert-Butylbenzene	11.77	119	417883	51.696	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	433830	46.736	ug/l	98
85) sec-Butylbenzene	11.94	105	471978	47.936	ug/l	100
86) p-Isopropyltoluene	12.07	119	421416	47.241	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	249178	46.794	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	251380	45.731	ug/l	100
89) n-Butylbenzene	12.39	91	343474	42.396	ug/l	100
90) Hexachloroethane	12.60	117	72029	48.496	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	259695	46.667	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46793	53.323	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	182187	46.671	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	75519	37.307	ug/l	100
95) Naphthalene	13.83	128	629710	48.622	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	196909	48.830	ug/l	100

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

