

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006709.D
 Acq On : 21 Dec 2018 06:55
 Operator : JC/MD
 Sample : J6517-11MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:51 AM

Quant Time: Dec 21 08:21:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	591802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	925066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	840178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	322976	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	5.51	113	296955	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	8.71	98	1104251	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.14	95	399131	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	248669	45.931	ug/l	100
3) Chloromethane	1.33	50	254986	43.716	ug/l	99
4) Vinyl Chloride	1.41	62	294712	48.379	ug/l	97
5) Bromomethane	1.64	94	161151	27.485	ug/l	97
6) Chloroethane	1.72	64	209946	49.774	ug/l	95
7) Trichlorofluoromethane	1.93	101	468937	49.375	ug/l	98
8) Diethyl Ether	2.19	74	187296	49.650	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	269918	48.403	ug/l	100
10) Methyl Iodide	2.51	142	258012	32.322	ug/l	100
11) Tert butyl alcohol	3.08	59	351894	247.214	ug/l	96
12) 1,1-Dichloroethene	2.37	96	260628	49.291	ug/l	97
13) Acrolein	2.30	56	201020	209.339	ug/l	99
14) Allyl chloride	2.73	41	425239	47.778	ug/l	100
15) Acrylonitrile	3.15	53	827743	261.905	ug/l	100
16) Acetone	2.45	43	705545	240.772	ug/l	99
17) Carbon Disulfide	2.57	76	605462	43.269	ug/l	98
18) Methyl Acetate	2.78	43	419612	48.698	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	949328	54.094	ug/l	98
20) Methylene Chloride	2.86	84	294722	48.639	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	278996	47.621	ug/l	99
22) Diisopropyl ether	3.87	45	851508	52.296	ug/l	94
23) Vinyl Acetate	3.82	43	3031117	227.586	ug/l	100
24) 1,1-Dichloroethane	3.70	63	475918	48.963	ug/l	99
25) 2-Butanone	4.70	43	1013967	245.996	ug/l	99
26) 2,2-Dichloropropane	4.58	77	237265	31.601	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	326782	50.555	ug/l	96
28) Bromochloromethane	5.02	49	228599	56.015	ug/l	99
29) Tetrahydrofuran	5.15	42	695376	256.142	ug/l	99
30) Chloroform	5.21	83	515908	51.255	ug/l	98
31) Cyclohexane	5.58	56	494459	55.996	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	430067	50.601	ug/l	100
36) 1,1-Dichloropropene	5.80	75	371312	48.464	ug/l	100
37) Ethyl Acetate	4.86	43	369097	46.285	ug/l	98
38) Carbon Tetrachloride	5.78	117	360676	48.439	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	700229	69.420	ug/l	99
40) Benzene	6.15	78	1167164	50.117	ug/l	96
41) Methacrylonitrile	5.06	41	231616	54.707	ug/l	99
42) 1,2-Dichloroethane	6.20	62	384273	48.422	ug/l	92
43) Isopropyl Acetate	6.46	43	598173	49.300	ug/l	99
44) Trichloroethene	7.21	130	334423	47.444	ug/l	97
45) 1,2-Dichloropropane	7.52	63	293810	51.842	ug/l	98
46) Dibromomethane	7.66	93	206768	49.601	ug/l	97
47) Bromodichloromethane	7.90	83	346178	50.019	ug/l	96
48) Methyl methacrylate	7.77	41	360075	58.357	ug/l	94
49) 1,4-Dioxane	7.75	88	132533	817.311	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2019082	261.535	ug/l	99
52) Toluene	8.79	92	756449	50.277	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	363922	49.029	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	406402	49.899	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	310331	50.391	ug/l	99
56) Ethyl methacrylate	9.18	69	476871	54.786	ug/l	95
57) 1,3-Dichloropropane	9.37	76	497983	50.259	ug/l	100
59) 2-Hexanone	9.49	43	1491893	252.571	ug/l	100
60) Dibromochloromethane	9.59	129	303483	47.251	ug/l	98
61) 1,2-Dibromoethane	9.67	107	343461	52.464	ug/l	99
64) Tetrachloroethene	9.34	164	296542	44.573	ug/l	97
65) Chlorobenzene	10.14	112	869007	48.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	297417	53.631	ug/l	99
67) Ethyl Benzene	10.25	91	1458598	50.218	ug/l	100
68) m/p-Xylenes	10.36	106	1118256	97.570	ug/l	98
69) o-Xylene	10.70	106	551485	48.728	ug/l	98
70) Styrene	10.71	104	877137	48.988	ug/l	98
71) Bromoform	10.86	173	214792	43.569	ug/l	99
73) Isopropylbenzene	11.02	105	2713769	95.131	ug/l	99
74) N-amyl acetate	10.90	43	501999	49.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	458920	54.093	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	397365m	51.278	ug/l	
77) Bromobenzene	11.26	156	392319	50.869	ug/l	99
78) n-propylbenzene	11.36	91	6896808	219.549	ug/l	100
79) 2-Chlorotoluene	11.42	91	951644	49.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1174558	49.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	96787	39.025	ug/l	95
82) 4-Chlorotoluene	11.51	91	1094871	50.139	ug/l	99
83) tert-Butylbenzene	11.77	119	1296473	55.131	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1203576	48.700	ug/l	100
85) sec-Butylbenzene	11.94	105	1886434	65.428	ug/l	94
86) p-Isopropyltoluene	12.07	119	1296642	51.160	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	689294	49.591	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	685072	48.079	ug/l	99
89) n-Butylbenzene	12.39	91	1667293	77.298	ug/l #	84
90) Hexachloroethane	12.59	117	263482	65.344	ug/l	73
91) 1,2-Dichlorobenzene	12.39	146	677188	48.704	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	130098	74.112	ug/l	67
93) 1,2,4-Trichlorobenzene	13.65	180	501012	52.237	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	232888	51.516	ug/l	98
95) Naphthalene	13.83	128	1630030	53.249	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.02	180	511801	51.683	ug/l	97

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

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