

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006710.D
 Acq On : 21 Dec 2018 07:21
 Operator : JC/MD
 Sample : J6517-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:58 AM

Quant Time: Dec 21 08:22:53 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	601382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	920158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	835392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	423366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	316794	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
35) Dibromofluoromethane	5.50	113	296805	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	1097240	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	397797	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	248980	45.256	ug/l	100
3) Chloromethane	1.33	50	253745	42.811	ug/l	96
4) Vinyl Chloride	1.41	62	307054	49.602	ug/l	99
5) Bromomethane	1.64	94	208106	35.467	ug/l	98
6) Chloroethane	1.72	64	226195	52.772	ug/l	97
7) Trichlorofluoromethane	1.93	101	479838	49.718	ug/l	96
8) Diethyl Ether	2.19	74	188759	49.241	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	272297	48.052	ug/l	100
10) Methyl Iodide	2.51	142	322800	39.794	ug/l	99
11) Tert butyl alcohol	3.07	59	355109	245.499	ug/l	97
12) 1,1-Dichloroethene	2.37	96	261619	48.690	ug/l	99
13) Acrolein	2.30	56	207478	212.623	ug/l	100
14) Allyl chloride	2.73	41	440882	48.747	ug/l	99
15) Acrylonitrile	3.15	53	845984	263.412	ug/l	99
16) Acetone	2.45	43	718211	241.190	ug/l	99
17) Carbon Disulfide	2.57	76	646768	45.485	ug/l	98
18) Methyl Acetate	2.78	43	433155	49.469	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	957322	53.681	ug/l	98
20) Methylene Chloride	2.86	84	297767	48.358	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	279207	46.898	ug/l	95
22) Diisopropyl ether	3.87	45	856743	51.779	ug/l	93
23) Vinyl Acetate	3.82	43	3078057	227.429	ug/l	99
24) 1,1-Dichloroethane	3.70	63	475827	48.174	ug/l	98
25) 2-Butanone	4.70	43	1036387	247.430	ug/l	100
26) 2,2-Dichloropropane	4.59	77	239829	31.433	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	324918	49.466	ug/l	97
28) Bromochloromethane	5.02	49	227159	54.733	ug/l	100
29) Tetrahydrofuran	5.15	42	708816	256.933	ug/l	99
30) Chloroform	5.21	83	515919	50.440	ug/l	99
31) Cyclohexane	5.57	56	502102	55.956	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	431941	50.012	ug/l	100
36) 1,1-Dichloropropene	5.80	75	371146	48.700	ug/l	99
37) Ethyl Acetate	4.86	43	369132	46.536	ug/l	99
38) Carbon Tetrachloride	5.78	117	366197	49.443	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	703131	70.080	ug/l	98
40) Benzene	6.14	78	1162123	50.166	ug/l	100
41) Methacrylonitrile	5.06	41	232917	55.308	ug/l	98
42) 1,2-Dichloroethane	6.20	62	384050	48.652	ug/l	93
43) Isopropyl Acetate	6.46	43	615661	51.012	ug/l	99
44) Trichloroethene	7.21	130	335181	47.805	ug/l	98
45) 1,2-Dichloropropane	7.52	63	289737	51.396	ug/l	100
46) Dibromomethane	7.67	93	204196	49.245	ug/l	94
47) Bromodichloromethane	7.90	83	347274	50.445	ug/l	97
48) Methyl methacrylate	7.77	41	333836	54.393	ug/l	97
49) 1,4-Dioxane	7.75	88	133116	825.483	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2082399	271.175	ug/l	99
52) Toluene	8.79	92	755529	50.484	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	367928	49.833	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	415884	51.336	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	300842	49.111	ug/l	97
56) Ethyl methacrylate	9.18	69	481049	55.561	ug/l	94
57) 1,3-Dichloropropane	9.37	76	502314	50.967	ug/l	99
59) 2-Hexanone	9.49	43	1532429	260.818	ug/l	100
60) Dibromochloromethane	9.59	129	311543	48.690	ug/l	97
61) 1,2-Dibromoethane	9.67	107	343475	52.746	ug/l	100
64) Tetrachloroethene	9.34	164	295785	44.714	ug/l	95
65) Chlorobenzene	10.14	112	868819	49.160	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	303238	54.994	ug/l	99
67) Ethyl Benzene	10.25	91	1464361	50.706	ug/l	100
68) m/p-Xylenes	10.36	106	1135379	99.631	ug/l	99
69) o-Xylene	10.70	106	558283	49.611	ug/l	97
70) Stvrene	10.71	104	895258	50.287	ug/l	99
71) Bromoform	10.86	173	224236	45.522	ug/l	100
73) Isopropylbenzene	11.02	105	2746918	94.841	ug/l	100
74) N-amyl acetate	10.90	43	521559	50.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	457645	53.130	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	402115m	51.108	ug/l	
77) Bromobenzene	11.26	156	401066	51.219	ug/l	99
78) n-propylbenzene	11.36	91	7027768	220.344	ug/l	100
79) 2-Chlorotoluene	11.42	91	953298	49.321	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1197377	50.192	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99923	39.611	ug/l	94
82) 4-Chlorotoluene	11.51	91	1102107	49.710	ug/l	100
83) tert-Butylbenzene	11.77	119	1322035	55.370	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1228460	48.957	ug/l	99
85) sec-Butylbenzene	11.94	105	1902576	64.993	ug/l	94
86) p-Isopropyltoluene	12.07	119	1329983	51.685	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	706146	50.038	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	699947	48.382	ug/l	100
89) n-Butylbenzene	12.39	91	1701827	77.710	ug/l #	84
90) Hexachloroethane	12.60	117	271577	66.286	ug/l	75
91) 1,2-Dichlorobenzene	12.39	146	694451	49.192	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	132294	74.227	ug/l	69
93) 1,2,4-Trichlorobenzene	13.65	180	508755	52.245	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	236170	51.454	ug/l	98
95) Naphthalene	13.83	128	1646109	52.963	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.02	180	519659	51.685	ug/l	98

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

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