

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX121418\
 Data File : VX006558.D
 Acq On : 15 Dec 2018 11:27
 Operator : JC/MD
 Sample : J6398-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:56 PM

Quant Time: Dec 15 23:58:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	522135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	835062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	771163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	398738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	275312	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	5.50	113	267996	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.71	98	942272	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.13	95	365889	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	250781	49.053	ug/l	99
3) Chloromethane	1.33	50	253450	48.242	ug/l	96
4) Vinyl Chloride	1.41	62	280027	49.524	ug/l	98
5) Bromomethane	1.64	94	239770	61.187	ug/l	98
6) Chloroethane	1.71	64	183298	52.871	ug/l	100
7) Trichlorofluoromethane	1.92	101	447298	51.535	ug/l	97
8) Diethyl Ether	2.19	74	180850	55.055	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	255125	51.693	ug/l	100
10) Methyl Iodide	2.51	142	301786	40.575	ug/l	99
11) Tert butyl alcohol	3.08	59	368783	252.993	ug/l	99
12) 1,1-Dichloroethene	2.37	96	248867	52.675	ug/l	90
13) Acrolein	2.29	56	157447	197.621	ug/l	99
14) Allyl chloride	2.73	41	411933	44.137	ug/l	99
15) Acrylonitrile	3.15	53	797551	262.195	ug/l	100
16) Acetone	2.45	43	669383	267.602	ug/l	97
17) Carbon Disulfide	2.57	76	623862	42.852	ug/l	97
18) Methyl Acetate	2.78	43	397052	47.465	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	870186	51.629	ug/l	98
20) Methylene Chloride	2.85	84	282313	53.030	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	264710	52.575	ug/l	92
22) Diisopropyl ether	3.87	45	784649	53.825	ug/l	98
23) Vinyl Acetate	3.82	43	2729827	219.553	ug/l	99
24) 1,1-Dichloroethane	3.70	63	453541	54.432	ug/l	99
25) 2-Butanone	4.70	43	991076	277.678	ug/l	98
26) 2,2-Dichloropropane	4.59	77	222154	28.890	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	315293	56.141	ug/l	93
28) Bromochloromethane	5.02	49	197228	54.191	ug/l	98
29) Tetrahydrofuran	5.15	42	678855	273.670	ug/l	98
30) Chloroform	5.21	83	496748	56.731	ug/l	97
31) Cyclohexane	5.57	56	411586	53.451	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	432120	51.868	ug/l	99
36) 1,1-Dichloropropene	5.80	75	356432	50.687	ug/l	99
37) Ethyl Acetate	4.85	43	334944	42.532	ug/l	98
38) Carbon Tetrachloride	5.78	117	372123	44.982	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	447961	49.076	ug/l	97
40) Benzene	6.14	78	1103956	52.415	ug/l	100
41) Methacrylonitrile	5.06	41	209616	48.374	ug/l	97
42) 1,2-Dichloroethane	6.20	62	363454	52.727	ug/l	99
43) Isopropyl Acetate	6.46	43	565801	43.092	ug/l	99
44) Trichloroethene	7.21	130	323696	50.732	ug/l	100
45) 1,2-Dichloropropane	7.51	63	270655	50.562	ug/l	98
46) Dibromomethane	7.66	93	199285	51.549	ug/l	97
47) Bromodichloromethane	7.90	83	342853	45.796	ug/l	100
48) Methyl methacrylate	7.77	41	315175	49.342	ug/l	98
49) 1,4-Dioxane	7.76	88	171066	1086.612	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1969682	257.694	ug/l	99
52) Toluene	8.79	92	723057	52.182	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	361647	41.305	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	395811	43.536	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	301907	53.632	ug/l	99
56) Ethyl methacrylate	9.18	69	451311	51.283	ug/l	96
57) 1,3-Dichloropropane	9.37	76	476601	53.541	ug/l	100
59) 2-Hexanone	9.49	43	1474865	252.560	ug/l	99
60) Dibromochloromethane	9.58	129	310577	44.743	ug/l	100
61) 1,2-Dibromoethane	9.67	107	332658	52.850	ug/l	99
64) Tetrachloroethene	9.34	164	295371	50.860	ug/l	99
65) Chlorobenzene	10.14	112	857129	52.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	304489	47.873	ug/l	99
67) Ethyl Benzene	10.25	91	1380765	50.714	ug/l	100
68) m/p-Xylenes	10.36	106	1116194	102.345	ug/l	99
69) o-Xylene	10.70	106	549191	50.980	ug/l	98
70) Styrene	10.71	104	894295	51.327	ug/l	99
71) Bromoform	10.86	173	235184	39.171	ug/l #	98
73) Isopropylbenzene	11.02	105	1453371	52.780	ug/l	100
74) N-amyl acetate	10.90	43	477735	40.289	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	450264	51.111	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	407135m	52.900	ug/l	
77) Bromobenzene	11.26	156	401586	52.551	ug/l	99
78) n-propylbenzene	11.36	91	1581088	51.654	ug/l	100
79) 2-Chlorotoluene	11.42	91	945771	51.986	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1196604	52.228	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	106408	32.446	ug/l	86
82) 4-Chlorotoluene	11.51	91	1088811	51.475	ug/l	100
83) tert-Butylbenzene	11.77	119	1252756	51.248	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1228516	51.929	ug/l	100
85) sec-Butylbenzene	11.94	105	1441609	51.838	ug/l	100
86) p-Isopropyltoluene	12.06	119	1291988	51.593	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	697964	51.330	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	706573	51.196	ug/l	99
89) n-Butylbenzene	12.39	91	1037147	48.540	ug/l	100
90) Hexachloroethane	12.60	117	211266	41.394	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	695614	51.546	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97656	43.244	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	476870	48.435	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	205191	47.126	ug/l	99
95) Naphthalene	13.83	128	1601664	52.298	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	488416	50.085	ug/l	99

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

