

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092818\
 Data File : VX004856.D
 Acq On : 29 Sep 2018 07:38
 Operator : JC/MD
 Sample : J5134-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MSD

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:31 PM

Quant Time: Oct 01 01:31:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193389	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	174842	53.13	ug/l	0.00
Spiked Amount						
			Recovery	=	106.26%	
35) Dibromofluoromethane	5.50	113	143073	50.08	ug/l	0.00
Spiked Amount						
			Recovery	=	100.16%	
50) Toluene-d8	8.72	98	523999	55.17	ug/l	0.00
Spiked Amount						
			Recovery	=	110.34%	
62) 4-Bromofluorobenzene	11.14	95	191953	56.10	ug/l	0.00
Spiked Amount						
			Recovery	=	112.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	185279	58.985	ug/l	98
3) Chloromethane	1.32	50	197620	51.856	ug/l	99
4) Vinyl Chloride	1.41	62	207370	58.017	ug/l	91
5) Bromomethane	1.64	94	100553	47.442	ug/l	97
6) Chloroethane	1.72	64	116712	60.401	ug/l	98
7) Trichlorofluoromethane	1.93	101	251314	56.795	ug/l	88
8) Diethyl Ether	2.19	74	101947	53.034	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	135799	53.877	ug/l	96
10) Methyl Iodide	2.51	142	138025	40.922	ug/l	98
11) Tert butyl alcohol	3.07	59	249038	270.643	ug/l	99
12) 1,1-Dichloroethene	2.37	96	138349	55.424	ug/l	99
13) Acrolein	2.29	56	115536	176.472	ug/l	94
14) Allyl chloride	2.73	41	289680	53.187	ug/l	93
15) Acrylonitrile	3.15	53	545301	269.198	ug/l	98
16) Acetone	2.45	43	473325	246.356	ug/l	96
17) Carbon Disulfide	2.57	76	385493	51.394	ug/l	97
18) Methyl Acetate	2.78	43	236967	48.680	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	480267	55.778	ug/l	95
20) Methylene Chloride	2.85	84	151311	54.237	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	140413	51.385	ug/l	96
22) Diisopropyl ether	3.87	45	516753	56.344	ug/l	91
23) Vinyl Acetate	3.82	43	2107829	251.077	ug/l #	91
24) 1,1-Dichloroethane	3.70	63	282861	51.703	ug/l	99
25) 2-Butanone	4.70	43	703979	248.575	ug/l	93
26) 2,2-Dichloropropane	4.59	77	136358	35.793	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	157111	51.468	ug/l	99
28) Bromochloromethane	5.02	49	133836	51.949	ug/l	93
29) Tetrahydrofuran	5.16	42	478534	271.859	ug/l	93
30) Chloroform	5.23	83	277607	53.690	ug/l #	83
31) Cyclohexane	5.57	56	243393	58.127	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	238652	56.517	ug/l	97
36) 1,1-Dichloropropene	5.79	75	202431	51.937	ug/l	98
37) Ethyl Acetate	4.85	43	244688	47.295	ug/l	96
38) Carbon Tetrachloride	5.79	117	200229	48.871	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219962	55.268	ug/l	95
40) Benzene	6.15	78	628175	51.481	ug/l	95
41) Methacrylonitrile	5.06	41	153859	53.624	ug/l	94
42) 1,2-Dichloroethane	6.20	62	212607	49.288	ug/l	98
43) Isopropyl Acetate	6.46	43	358591	48.021	ug/l	97
44) Trichloroethene	7.21	130	152923	50.980	ug/l	95
45) 1,2-Dichloropropane	7.52	63	158782	53.062	ug/l	98
46) Dibromomethane	7.66	93	99615	52.970	ug/l	98
47) Bromodichloromethane	7.90	83	193355	54.916	ug/l	97
48) Methyl methacrylate	7.77	41	198541	58.578	ug/l	94
49) 1,4-Dioxane	7.75	88	90153	1070.639	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1335833	284.109	ug/l	95
52) Toluene	8.79	92	362196	54.020	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	202205	50.820	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	214788	51.539	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	149206	50.803	ug/l	96
56) Ethyl methacrylate	9.18	69	233834	49.117	ug/l	93
57) 1,3-Dichloropropane	9.37	76	254553	52.076	ug/l	100
59) 2-Hexanone	9.50	43	1059062	270.298	ug/l	93
60) Dibromochloromethane	9.59	129	156046	53.127	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155407	49.408	ug/l	99
64) Tetrachloroethene	9.34	164	144783	46.147	ug/l	98
65) Chlorobenzene	10.14	112	403507	49.363	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	147740	51.411	ug/l	99
67) Ethyl Benzene	10.26	91	689083	53.098	ug/l	98
68) m/p-Xylenes	10.36	106	536165	105.726	ug/l	94
69) o-Xylene	10.70	106	256671	55.104	ug/l	96
70) Styrene	10.71	104	434493	49.880	ug/l	97
71) Bromoform	10.86	173	126730	51.511	ug/l #	99
73) Isopropylbenzene	11.02	105	690704	56.664	ug/l	99
74) N-amyl acetate	10.90	43	292890	43.935	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	247445	49.868	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	225431m	52.008	ug/l	
77) Bromobenzene	11.26	156	186770	52.752	ug/l	98
78) n-propylbenzene	11.36	91	789782	56.469	ug/l	99
79) 2-Chlorotoluene	11.42	91	472700	54.223	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	584828	52.356	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	61570	39.189	ug/l	99
82) 4-Chlorotoluene	11.51	91	562747	54.842	ug/l	100
83) tert-Butylbenzene	11.77	119	581485	57.940	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	610890	53.033	ug/l	97
85) sec-Butylbenzene	11.94	105	687595	56.248	ug/l	98
86) p-Isopropyltoluene	12.07	119	613686	55.411	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	339412	51.339	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	343521	50.335	ug/l	99
89) n-Butylbenzene	12.39	91	542376	53.923	ug/l	97
90) Hexachloroethane	12.60	117	99060	53.720	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	342798	49.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55665	51.093	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	250955	51.780	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	115260	45.862	ug/l	96
95) Naphthalene	13.83	128	818983	50.899	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	262979	52.527	ug/l	98

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

