

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092818\
 Data File : VX004855.D
 Acq On : 29 Sep 2018 07:12
 Operator : JC/MD
 Sample : J5134-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 09:19:43 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	216708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192530	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163946	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	5.51	113	134365	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.72	98	503902	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	11.14	95	186140	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	174544	59.072	ug/l	98
3) Chloromethane	1.32	50	190950	53.266	ug/l	99
4) Vinyl Chloride	1.40	62	190689	56.715	ug/l	99
5) Bromomethane	1.64	94	92132	46.210	ug/l	99
6) Chloroethane	1.71	64	112659	62.045	ug/l	97
7) Trichlorofluoromethane	1.93	101	242026	58.146	ug/l	95
8) Diethyl Ether	2.19	74	96510	53.372	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129383	54.569	ug/l	98
10) Methyl Iodide	2.51	142	125580	39.580	ug/l	97
11) Tert butyl alcohol	3.07	59	248064	286.587	ug/l	98
12) 1,1-Dichloroethene	2.37	96	128442	54.700	ug/l	94
13) Acrolein	2.29	56	111657	181.304	ug/l	97
14) Allyl chloride	2.73	41	283944	55.422	ug/l	94
15) Acrylonitrile	3.15	53	528823	277.529	ug/l	99
16) Acetone	2.45	43	471249	260.745	ug/l	96
17) Carbon Disulfide	2.57	76	372789	52.835	ug/l	100
18) Methyl Acetate	2.78	43	233883	51.077	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	474310	58.561	ug/l	97
20) Methylene Chloride	2.85	84	152187	58.050	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	138555	53.904	ug/l	95
22) Diisopropyl ether	3.87	45	490995	56.912	ug/l	91
23) Vinyl Acetate	3.82	43	1874236	237.333	ug/l	95
24) 1,1-Dichloroethane	3.70	63	273406	53.127	ug/l	98
25) 2-Butanone	4.70	43	710831	266.825	ug/l	94
26) 2,2-Dichloropropane	4.58	77	129269	36.072	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	150609	52.450	ug/l	97
28) Bromochloromethane	5.02	49	129394	53.393	ug/l	89
29) Tetrahydrofuran	5.15	42	467062	282.077	ug/l	91
30) Chloroform	5.21	83	260864	53.634	ug/l	100
31) Cyclohexane	5.57	56	231272	58.716	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	220722	55.568	ug/l	99
36) 1,1-Dichloropropene	5.80	75	190990	49.821	ug/l	99
37) Ethyl Acetate	4.85	43	222069	43.640	ug/l	97
38) Carbon Tetrachloride	5.78	117	192850	47.857	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212205	54.211	ug/l	94
40) Benzene	6.14	78	585812	48.812	ug/l	99
41) Methacrylonitrile	5.06	41	142007	50.321	ug/l	96
42) 1,2-Dichloroethane	6.20	62	211072	49.750	ug/l	97
43) Isopropyl Acetate	6.46	43	347030	47.249	ug/l	96
44) Trichloroethene	7.21	130	154135	52.243	ug/l	95
45) 1,2-Dichloropropane	7.52	63	161377	54.831	ug/l	97
46) Dibromomethane	7.66	93	101034	54.623	ug/l	97
47) Bromodichloromethane	7.90	83	193485	55.871	ug/l	100
48) Methyl methacrylate	7.77	41	200455	60.131	ug/l	94
49) 1,4-Dioxane	7.76	88	92215	1113.437	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1342811	290.368	ug/l	95
52) Toluene	8.79	92	366332	55.550	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	204479	52.251	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	216512	52.821	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	151930	52.595	ug/l	98
56) Ethyl methacrylate	9.18	69	237495	50.627	ug/l	93
57) 1,3-Dichloropropane	9.37	76	258667	53.803	ug/l	100
59) 2-Hexanone	9.50	43	1070376	277.753	ug/l	93
60) Dibromochloromethane	9.59	129	158421	54.838	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156236	50.503	ug/l	100
64) Tetrachloroethene	9.34	164	146301	46.903	ug/l	98
65) Chlorobenzene	10.14	112	404446	49.767	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	147767	51.720	ug/l	99
67) Ethyl Benzene	10.26	91	688908	53.394	ug/l	97
68) m/p-Xylenes	10.36	106	534979	106.108	ug/l	95
69) o-Xylene	10.70	106	259320	55.998	ug/l	96
70) Styrene	10.71	104	438239	50.572	ug/l	97
71) Bromoform	10.86	173	126804	51.842	ug/l	99
73) Isopropylbenzene	11.02	105	689257	56.797	ug/l	99
74) N-amyl acetate	10.90	43	290740	43.812	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	251281	50.867	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	222997m	51.676	ug/l	
77) Bromobenzene	11.26	156	186493	52.908	ug/l	97
78) n-propylbenzene	11.36	91	783731	56.287	ug/l	99
79) 2-Chlorotoluene	11.42	91	476004	54.845	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	582572	52.387	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	63197	40.342	ug/l	98
82) 4-Chlorotoluene	11.51	91	561297	54.945	ug/l	99
83) tert-Butylbenzene	11.77	119	577151	57.764	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	608592	53.070	ug/l	97
85) sec-Butylbenzene	11.95	105	683431	56.157	ug/l	98
86) p-Isopropyltoluene	12.07	119	605889	54.951	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	337985	51.351	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	342506	50.410	ug/l	99
89) n-Butylbenzene	12.39	91	524503	52.378	ug/l	97
90) Hexachloroethane	12.60	117	98219	53.502	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	346648	50.397	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56497	52.088	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	246900	51.170	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	112644	45.021	ug/l	96
95) Naphthalene	13.83	128	827630	51.655	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	258899	51.943	ug/l	99

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

