

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007777.D
 Acq On : 28 Feb 2019 19:58
 Operator : JC/SP
 Sample : K1655-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMDS

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:41 AM

Quant Time: Mar 01 03:14:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	293008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	436127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199086	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	175093	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
35) Dibromofluoromethane	5.50	113	146778	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	8.71	98	545108	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	195123	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	120291	44.566	ug/l	100
3) Chloromethane	1.33	50	142047	47.490	ug/l	100
4) Vinyl Chloride	1.41	62	147976	48.221	ug/l	100
5) Bromomethane	1.64	94	83975	43.234	ug/l	99
6) Chloroethane	1.72	64	94776	48.341	ug/l	98
7) Trichlorofluoromethane	1.93	101	206900	43.981	ug/l	99
8) Diethyl Ether	2.19	74	89470	46.341	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119844	42.149	ug/l	98
10) Methyl Iodide	2.51	142	185490	52.391	ug/l	100
11) Tert butyl alcohol	3.07	59	160338	232.836	ug/l	99
12) 1,1-Dichloroethene	2.38	96	117661	45.907	ug/l	95
13) Acrolein	2.30	56	116471	190.335	ug/l	99
14) Allyl chloride	2.73	41	244163	51.521	ug/l	93
15) Acrylonitrile	3.15	53	420301	259.355	ug/l	99
16) Acetone	2.45	43	359541	222.762	ug/l	99
17) Carbon Disulfide	2.57	76	327352	45.909	ug/l	98
18) Methyl Acetate	2.78	43	171524	48.701	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	436810	48.941	ug/l	98
20) Methylene Chloride	2.86	84	136628	45.844	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	127301	45.688	ug/l	92
22) Diisopropyl ether	3.87	45	507392	51.432	ug/l	95
23) Vinyl Acetate	3.82	43	1938672	223.984	ug/l	97
24) 1,1-Dichloroethane	3.70	63	263365	49.121	ug/l	98
25) 2-Butanone	4.70	43	621583	252.824	ug/l	94
26) 2,2-Dichloropropane	4.59	77	165695	38.715	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	160991	45.409	ug/l	94
28) Bromochloromethane	5.02	49	124163	47.569	ug/l	85
29) Tetrahydrofuran	5.15	42	414598	255.827	ug/l	93
30) Chloroform	5.21	83	263510	45.882	ug/l	100
31) Cyclohexane	5.57	56	235813	46.757	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	223210	46.994	ug/l	97
36) 1,1-Dichloropropene	5.80	75	195283	49.805	ug/l	97
37) Ethyl Acetate	4.85	43	212245	48.730	ug/l	99
38) Carbon Tetrachloride	5.78	117	193408	49.105	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227183	45.845	ug/l	95
40) Benzene	6.15	78	604877	49.975	ug/l	99
41) Methacrylonitrile	5.06	41	134723	57.926	ug/l	94
42) 1,2-Dichloroethane	6.20	62	210213	51.673	ug/l	100
43) Isopropyl Acetate	6.46	43	345121	51.485	ug/l	98
44) Trichloroethene	7.21	130	164088	49.282	ug/l	97
45) 1,2-Dichloropropane	7.52	63	162161	51.720	ug/l	98
46) Dibromomethane	7.66	93	103222	47.191	ug/l	98
47) Bromodichloromethane	7.90	83	195713	51.632	ug/l	98
48) Methyl methacrylate	7.77	41	197066	56.083	ug/l	91
49) 1,4-Dioxane	7.75	88	66271	873.225	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1215899	270.977	ug/l	99
52) Toluene	8.79	92	373173	48.893	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	214030	45.675	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	231995	50.434	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	156881	49.291	ug/l	99
56) Ethyl methacrylate	9.18	69	242698	53.622	ug/l	95
57) 1,3-Dichloropropane	9.37	76	262328	51.489	ug/l	100
59) 2-Hexanone	9.49	43	903058	256.348	ug/l	100
60) Dibromochloromethane	9.58	129	161958	52.883	ug/l	98
61) 1,2-Dibromoethane	9.67	107	165809	50.177	ug/l	100
64) Tetrachloroethene	9.34	164	161603	50.738	ug/l	98
65) Chlorobenzene	10.14	112	410519	48.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	154425	52.172	ug/l	99
67) Ethyl Benzene	10.25	91	697419	49.615	ug/l	99
68) m/p-Xylenes	10.36	106	534094	97.667	ug/l	97
69) o-Xylene	10.69	106	262109	49.830	ug/l	97
70) Styrene	10.71	104	425823	49.251	ug/l	99
71) Bromoform	10.86	173	126342	56.921	ug/l #	99
73) Isopropylbenzene	11.02	105	691654	48.609	ug/l	100
74) N-amyl acetate	10.90	43	281627	45.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	229459	46.625	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191632m	45.158	ug/l	
77) Bromobenzene	11.26	156	186792	52.338	ug/l	94
78) n-propylbenzene	11.36	91	777138	48.333	ug/l	98
79) 2-Chlorotoluene	11.42	91	460165	47.531	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	567649	48.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67422	43.022	ug/l	94
82) 4-Chlorotoluene	11.51	91	530076	46.803	ug/l	98
83) tert-Butylbenzene	11.77	119	563942	50.184	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	583194	48.713	ug/l	99
85) sec-Butylbenzene	11.94	105	678102	48.154	ug/l	99
86) p-Isopropyltoluene	12.06	119	610640	49.515	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	326027	49.249	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	327531	48.310	ug/l	100
89) n-Butylbenzene	12.39	91	509504	46.326	ug/l	99
90) Hexachloroethane	12.60	117	99154	47.718	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	326539	49.298	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48966	45.665	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	228355	56.479	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	114901	62.121	ug/l	99
95) Naphthalene	13.83	128	688133	52.532	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	229909	56.631	ug/l	99

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

