

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007572.D
 Acq On : 15 Feb 2019 17:04
 Operator : JC/SP
 Sample : K1520-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 16 04:04:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	3970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	3177	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	154469	3665.76	ug/l	0.00
Spiked Amount						
				Recovery	=	7331.52%
35) Dibromofluoromethane	5.50	113	1890	0.71	ug/l	0.00
Spiked Amount						
				Recovery	=	1.42%
50) Toluene-d8	8.71	98	473194	48.05	ug/l	0.00
Spiked Amount						
				Recovery	=	96.10%
62) 4-Bromofluorobenzene	11.13	95	165527	46.04	ug/l	0.00
Spiked Amount						
				Recovery	=	92.08%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	223	4.732	ug/l #	1
3) Chloromethane	1.33	50	668	14.939	ug/l	100
4) Vinyl Chloride	1.40	62	227	5.175	ug/l #	43
5) Bromomethane	1.65	94	619	13.917	ug/l	91
6) Chloroethane	1.68	64	1701	59.941	ug/l #	43
7) Trichlorofluoromethane	1.94	101	253	3.687	ug/l #	3
8) Diethyl Ether	2.18	74	495	19.164	ug/l #	4
9) 1,1,2-Trichlorotrifluoroet	2.37	101	112	2.744	ug/l #	1
10) Methyl Iodide	2.51	142	868	14.455	ug/l #	44
11) Tert butyl alcohol	3.06	59	5377	616.589	ug/l	96
12) 1,1-Dichloroethene	2.37	96	161	4.247	ug/l #	8
13) Acrolein	2.27	56	123	30.078	ug/l #	1
14) Allyl chloride	2.62	41	98076	1587.957	ug/l #	63
15) Acrylonitrile	3.14	53	435	20.164	ug/l #	44
16) Acetone	2.45	43	5364052	277894.867	ug/l	99
17) Carbon Disulfide	2.58	76	1745	18.979	ug/l #	19
18) Methyl Acetate	2.62	43	277325	5449.383	ug/l #	51
19) Methyl tert-butyl Ether	3.21	73	578	4.707	ug/l	99
20) Methylene Chloride	2.86	84	6123	156.136	ug/l #	93
21) trans-1,2-Dichloroethene	3.15	96	715	17.707	ug/l #	36
22) Diisopropyl ether	3.87	45	40924	360.223	ug/l #	88
23) Vinyl Acetate	3.87	43	21087	223.677	ug/l #	71
24) 1,1-Dichloroethane	3.70	63	160	2.452	ug/l #	82
25) 2-Butanone	4.70	43	26463	963.351	ug/l	97
26) 2,2-Dichloropropane	4.62	77	324	6.521	ug/l	80
27) cis-1,2-Dichloroethene	4.74	96	247	5.600	ug/l	61
28) Bromochloromethane	5.02	49	105231	3507.385	ug/l	98
29) Tetrahydrofuran	4.93	42	198	11.461	ug/l	93
30) Chloroform	5.22	83	153190	2250.168	ug/l	100
31) Cyclohexane	5.58	56	165	2.816	ug/l #	16
32) 1,1,1-Trichloroethane	5.49	97	48	0.835	ug/l #	24
37) Ethyl Acetate	4.86	43	8267	2.235	ug/l #	87
42) 1,2-Dichloroethane	6.20	62	1039	0.279	ug/l	94
47) Bromodichloromethane	7.90	83	7740	2.326	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) Methyl methacrylate	7.76	41	1439	0.504	ug/l #	36
49) 1,4-Dioxane	7.76	88	172	9.508	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	2680	0.713	ug/l	94
59) 2-Hexanone	9.30	43	36265	12.397	ug/l	79
67) Ethyl Benzene	10.25	91	4244	0.327	ug/l	99
71) Bromoform	10.86	173	120	4.076	ug/l #	29
73) Isopropylbenzene	11.02	105	1131	5.239	ug/l	89
74) N-amyl acetate	10.82	43	26207	313.836	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.29	83	172	2.614	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	78635	1272.481	ug/l #	33
77) Bromobenzene	11.26	156	213	3.502	ug/l #	13
78) n-propylbenzene	11.36	91	2119	8.951	ug/l	82
79) 2-Chlorotoluene	11.51	91	841	5.855	ug/l	70
80) 1,3,5-Trimethylbenzene	11.51	105	1158	6.556	ug/l	77
81) trans-1,4-Dichloro-2-buten	11.13	75	78635	3604.720	ug/l #	9
82) 4-Chlorotoluene	11.51	91	841	5.060	ug/l	77
83) tert-Butylbenzene	11.77	119	410	2.345	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	1016	5.666	ug/l	81
85) sec-Butylbenzene	11.98	105	145	0.685	ug/l	78
86) p-Isopropyltoluene	12.06	119	739	3.868	ug/l #	69
87) 1,3-Dichlorobenzene	12.03	146	728	6.669	ug/l #	61
88) 1,4-Dichlorobenzene	12.10	146	572	5.165	ug/l #	73
89) n-Butylbenzene	12.39	91	2476	15.065	ug/l	82
90) Hexachloroethane	12.60	117	175	6.120	ug/l	73
91) 1,2-Dichlorobenzene	12.40	146	429	3.949	ug/l #	65
92) 1,2-Dibromo-3-Chloropropan	13.00	75	146	10.672	ug/l #	20
93) 1,2,4-Trichlorobenzene	13.65	180	509	6.947	ug/l #	77
94) Hexachlorobutadiene	13.79	225	154	4.329	ug/l #	38
95) Naphthalene	13.84	128	2759	12.877	ug/l #	82
96) 1,2,3-Trichlorobenzene	14.02	180	313	4.244	ug/l #	71

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

