

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030118\
 Data File : VX000183.D
 Acq On : 01 Mar 2018 14:31
 Operator : JC/MD
 Sample : J1762-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 2AVE-10

Quant Time: Mar 02 03:35:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	21215	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	128783	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	121883	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	53646	32.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.90%
60) 4-Bromofluorobenzene	11.15	95	57470	28.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.07%
63) Toluene-d8	8.73	98	155529	29.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.30%

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	286	0.22	ug/l	# 40
4) Vinyl Chloride	1.40	62	3269	2.08	ug/l	89
5) Bromomethane	1.65	94	397	0.27	ug/l	# 70
6) Chloroethane	2.02	64	308	0.31	ug/l	90
13) Acrolein	2.32	56	105	0.34	ug/l	92
14) Acrylonitrile	3.16	53	305	0.28	ug/l	# 59
15) Acetone	2.46	58	1770	4.95	ug/l	# 60
18) Methylene Chloride	2.87	84	551	0.36	ug/l	# 51
19) trans-1,2-Dichloroethene	3.17	96	377	0.24	ug/l	# 85
22) cis-1,2-Dichloroethene	4.61	96	54935	38.34	ug/l	90
23) tert-Butyl Alcohol	3.06	59	1574	2.51	ug/l	# 98
24) Methyl tert-Butyl Ether	3.21	73	1487	0.30	ug/l	# 82
30) 2-Butanone	4.71	43	469	0.32	ug/l	# 82
34) Benzene	6.16	78	1128	0.21	ug/l	# 70
37) Trichloroethene	7.22	130	28260	17.72	ug/l	91
50) 1,1,2-Trichloroethane	9.35	97	1109	0.73	ug/l	# 46
51) Ethyl methacrylate	8.73	69	621	0.27	ug/l	# 76
56) Bromoform	11.15	173	609	0.44	ug/l	# 1
58) 4-Methyl-2-Pentanone	8.66	43	7218	2.70	ug/l	97
61) Tetrachloroethene	9.34	164	112025	75.70	ug/l	98
67) m/p-Xylenes	10.36	106	766	0.27	ug/l	84
72) 1,2,3-Trichloropropane	11.15	75	32865	14.29	ug/l	34
77) t-1,4-Dichloro-2-butene	11.15	75	32865	40.42	ug/l	# 11
86) Hexachloroethane	12.76	117	302	0.26	ug/l	# 11
91) Naphthalene	13.84	128	1913	0.20	ug/l	98

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

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