

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018360.D
 Acq On : 11 Sep 2020 14:30
 Operator : JC/SP
 Sample : L3971-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 14 16:37:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	83555	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	400782	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	390649	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	192062	29.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.13%
60) 4-Bromofluorobenzene	11.12	95	194922	28.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.97%
63) Toluene-d8	8.70	98	531624	30.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.93%

Target Compounds

					Ovalue
3) Chloromethane	1.31	50	261134	55.603	ug/l 96
7) Trichlorofluoromethane	1.92	101	619028	73.865	ug/l 99
11) Methyl Iodide	2.50	142	5087	8.354	ug/l 96
15) Acetone	2.42	58	83807	122.952	ug/l 84
18) Methylene Chloride	2.84	84	490240	99.378	ug/l 94
21) 1,1-Dichloroethane	3.67	63	1073604	125.763	ug/l 99
24) Methyl tert-Butyl Ether	3.17	73	542626	36.313	ug/l 100
25) Chloroform	5.18	83	591383	64.911	ug/l 99
30) 2-Butanone	4.63	43	394639	117.811	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	292280	36.500	ug/l 99
33) Carbon Tetrachloride	5.76	117	404603	54.223	ug/l 100
34) Benzene	6.11	78	668711	38.292	ug/l # 96
37) Trichloroethene	7.19	130	387642	76.764	ug/l 96
39) 1,2-Dichloropropane	7.49	63	323080	69.074	ug/l 97
41) Bromodichloromethane	7.88	83	333199	47.597	ug/l 96
48) t-1,3-Dichloropropene	9.02	75	198028	26.334	ug/l 99
49) cis-1,3-Dichloropropene	8.41	75	483764	61.240	ug/l 98
50) 1,1,2-Trichloroethane	9.20	97	233966	49.710	ug/l 99
54) 1,2-Dibromoethane	9.65	107	561160	108.685	ug/l 98
56) Bromoform	10.84	173	437456	98.384	ug/l 98
58) 4-Methyl-2-Pentanone	8.62	43	1290688	192.093	ug/l 99
61) Tetrachloroethene	9.32	164	476849	97.874	ug/l 86
62) Toluene	8.77	91	1028452	52.312	ug/l 100
64) Chlorobenzene	10.12	112	1016353	80.446	ug/l 99
65) 1,1,1,2-Tetrachloroethane	10.21	131	647842	126.614	ug/l 97
66) Ethyl Benzene	10.24	91	2303556	106.040	ug/l 95
67) m/p-Xylenes	10.34	106	368355	44.340	ug/l 98
68) o-Xylene	10.68	106	555848	70.811	ug/l 97
69) Styrene	10.69	104	692036	50.531	ug/l 95
72) 1,2,3-Trichloropropane	11.28	75	532816	77.739	ug/l 91
76) 1,3,5-Trimethylbenzene	11.49	105	1698642	89.320	ug/l 100
83) 1,3-Dichlorobenzene	12.01	146	456345	42.677	ug/l 98
84) 1,4-Dichlorobenzene	12.08	146	968888	90.620	ug/l 100
87) 1,2-Dichlorobenzene	12.38	146	433786	43.323	ug/l 99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	62412	34.200	ug/l 96
91) Naphthalene	13.82	128	1641078	77.624	ug/l 100

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

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