

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045289.D
 Acq On : 14 Mar 2025 12:09
 Operator : JC/MD
 Sample : Q1502-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 15 03:57:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.891	128	15579	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	85357	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	77634	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	50115	33.120	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.400%#
60) 4-Bromofluorobenzene	11.079	95	42282	29.138	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.133%
63) Toluene-d8	8.647	98	132949	30.955	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.200%
Target Compounds						
						Qvalue
5) Bromomethane	1.593	94	35096	66.427	ug/l	97
7) Trichlorofluoromethane	1.874	101	180810	88.633	ug/l	99
10) 1,1-Dichloroethene	2.307	96	103720	87.642	ug/l	90
15) Acetone	2.380	58	29571	160.623	ug/l	91
18) Methylene Chloride	2.782	84	66680	50.093	ug/l	97
19) trans-1,2-Dichloroethene	3.081	96	92070	76.896	ug/l	94
22) cis-1,2-Dichloroethene	4.483	96	153863	107.237	ug/l	93
24) Methyl tert-Butyl Ether	3.111	73	200165	51.821	ug/l	97
25) Chloroform	5.087	83	159427	69.773	ug/l	96
30) 2-Butanone	4.562	43	38742	42.718	ug/l	95
33) Carbon Tetrachloride	5.666	117	46492	28.957	ug/l	98
34) Benzene	6.031	78	539322	109.531	ug/l	99
36) 1,2-Dichloroethane	6.080	62	62324	36.970	ug/l	95
37) Trichloroethene	7.123	130	58559	50.835	ug/l	97
39) 1,2-Dichloropropane	7.421	63	94256	76.996	ug/l	99
40) Dibromomethane	7.574	93	88604	100.863	ug/l	98
41) Bromodichloromethane	7.818	83	27549	15.779	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	115891	68.864	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	100250	52.623	ug/l	94
58) 4-Methyl-2-Pentanone	8.574	43	229183	129.774	ug/l	99
59) 2-Hexanone	9.427	43	188355	147.557	ug/l	98
61) Tetrachloroethene	9.269	164	115257	120.564	ug/l	95
62) Toluene	8.714	91	520098	101.132	ug/l	100
64) Chlorobenzene	10.073	112	354147	111.129	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	111641	106.168	ug/l	99
66) Ethyl Benzene	10.189	91	196906	34.972	ug/l	95
67) m/p-Xylenes	10.299	106	146407	69.792	ug/l	96
68) o-Xylene	10.640	106	286905	139.393	ug/l	97
69) Styrene	10.653	104	296336	86.204	ug/l	90
76) 1,3,5-Trimethylbenzene	11.451	105	390858	89.198	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	107129	47.089	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	259016	116.034	ug/l	99
91) Naphthalene	13.774	128	409326	85.803	ug/l	100

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

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