

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077179.D
 Acq On : 24 Mar 2023 15:01
 Operator : JC\MD
 Sample : 01950-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 24 23:29:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	41419	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	296897	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	330517	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	133535	31.746	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	105.833%	
60) 4-Bromofluorobenzene	12.848	95	170656	28.741	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	95.800%	
63) Toluene-d8	10.572	98	356387	30.206	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.700%	
Target Compounds						
						Qvalue
3) Chloromethane	2.378	50	5398	1.244	ug/l	97
5) Bromomethane	2.978	94	513858	119.763	ug/l	91
7) Trichlorofluoromethane	3.513	101	503128	57.117	ug/l	96
10) 1,1-Dichloroethene	4.354	96	205526	47.688	ug/l	94
15) Acetone	4.437	58	50345	68.299	ug/l	91
18) Methylene Chloride	5.295	84	108813	20.543	ug/l	90
19) trans-1,2-Dichloroethene	5.801	96	389145	84.279	ug/l	92
22) cis-1,2-Dichloroethene	7.495	96	196003	35.953	ug/l	93
24) Methyl tert-Butyl Ether	5.807	73	759261	49.620	ug/l	99
25) Chloroform	7.972	83	720273	76.147	ug/l	99
30) 2-Butanone	7.489	43	727346	175.054	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	315012	36.275	ug/l	98
33) Carbon Tetrachloride	8.372	117	402753	55.208	ug/l	95
34) Benzene	8.613	78	2150140	97.392	ug/l	96
37) Trichloroethene	9.354	130	4502	0.902	ug/l	97
41) Bromodichloromethane	9.889	83	493232	64.088	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	144411	18.473	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	838493	97.975	ug/l	96
53) Dibromochloromethane	11.360	129	416716	75.861	ug/l	99
54) 1,2-Dibromoethane	11.471	107	175408	33.598	ug/l	98
56) Bromoform	12.577	173	4071	1.056	ug/l #	82
58) 4-Methyl-2-Pentanone	10.448	43	1403082	164.481	ug/l	98
59) 2-Hexanone	11.201	43	555602	89.328	ug/l	99
61) Tetrachloroethene	11.107	164	196512	47.372	ug/l	93
64) Chlorobenzene	11.895	112	732655	53.310	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	217148	43.024	ug/l	98
66) Ethyl Benzene	11.966	91	2009172	80.495	ug/l	99
67) m/p-Xylenes	12.071	106	846978	88.176	ug/l	96
68) o-Xylene	12.401	106	973610	103.523	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	928552	116.319	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	664475	32.824	ug/l	96
79) tert-butylbenzene	13.483	119	133909	7.743	ug/l	62
80) 1,2,4-Trimethylbenzene	13.483	105	1107073	55.108	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	361559	35.814	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	349927	35.582	ug/l	96
87) 1,2-Dichlorobenzene	14.107	146	918106	90.942	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	27703	18.086	ug/l	99
89) 1,2,4-Trichlorobenzene	15.395	180	180816	40.149	ug/l	100

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

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