

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068472.D
 Acq On : 14 Sep 2021 15:25
 Operator : JC/MD
 Sample : M3702-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 15 05:38:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	93203	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	502557	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	473992	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	181461	32.967	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	109.900%	
60) 4-Bromofluorobenzene	12.734	95	205666	30.442	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	101.467%	
63) Toluene-d8	10.443	98	623554	30.240	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.800%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.443	62	503807	77.407	ug/l	99
7) Trichlorofluoromethane	3.376	101	766296	95.514	ug/l	99
15) Acetone	4.288	58	58371	111.881	ug/l	97
18) Methylene Chloride	5.101	84	571274	112.361	ug/l	99
21) 1,1-Dichloroethane	6.391	63	587406	75.132	ug/l	99
24) Methyl tert-Butyl Ether	5.616	73	1962550	135.700	ug/l	99
25) Chloroform	7.820	83	681104	72.792	ug/l	100
30) 2-Butanone	7.340	43	163946	63.771	ug/l #	97
33) Carbon Tetrachloride	8.209	117	970225	113.476	ug/l	99
34) Benzene	8.464	78	702423	34.197	ug/l	97
36) 1,2-Dichloroethane	8.531	62	808176	116.858	ug/l	100
37) Trichloroethene	9.217	130	223011	33.882	ug/l	99
39) 1,2-Dichloropropane	9.491	63	434355	89.847	ug/l	98
40) Dibromomethane	9.580	93	155940	39.260	ug/l	98
41) Bromodichloromethane	9.762	83	164373	21.414	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	483712	62.239	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	795281	95.210	ug/l	98
53) Dibromochloromethane	11.240	129	435030	61.636	ug/l	100
54) 1,2-Dibromoethane	11.350	107	191005	31.028	ug/l	99
56) Bromoform	12.460	173	200363	35.344	ug/l #	100
59) 2-Hexanone	11.089	43	514298	132.994	ug/l	100
61) Tetrachloroethene	10.980	164	385832	56.613	ug/l	98
62) Toluene	10.508	91	1514032	60.690	ug/l	99
64) Chlorobenzene	11.773	112	560226	34.049	ug/l	99
67) m/p-Xylenes	11.956	106	750890	67.189	ug/l	100
68) o-Xylene	12.283	106	703273	63.736	ug/l	97
69) Styrene	12.296	104	1845916	105.501	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.830	83	1026585	134.617	ug/l	98
72) 1,2,3-Trichloropropane	12.884	75	665509	104.830	ug/l	1
76) 1,3,5-Trimethylbenzene	13.061	105	2387405	102.066	ug/l	100
80) 1,2,4-Trimethylbenzene	13.372	105	2261539	99.938	ug/l #	62
83) 1,3-Dichlorobenzene	13.619	146	455429	32.945	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	1470884	111.070	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	1540450	115.962	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.606	75	174733	135.503	ug/l	96
91) Naphthalene	15.509	128	692504	50.015	ug/l	100

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