

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074878.D
 Acq On : 12 Oct 2022 16:21
 Operator : JC\MD
 Sample : N4785-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Oct 13 07:56:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

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

Internal Standards						
1) Bromochloromethane	7.835	128	74719	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	435124	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	410153	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	213343	30.498	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.667%			
60) 4-Bromofluorobenzene	12.853	95	205785	28.292	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.300%			
63) Toluene-d8	10.571	98	700653	29.598	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.667%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.389	50	9765	1.455	ug/l	90
4) Vinyl Chloride	2.536	62	903572	91.441	ug/l	99
5) Bromomethane	2.971	94	593962	75.812	ug/l	98
15) Acetone	4.453	58	194117	172.781	ug/l	97
18) Methylene Chloride	5.300	84	422556	71.463	ug/l	94
19) trans-1,2-Dichloroethene	5.806	96	91097	18.199	ug/l	87
22) cis-1,2-Dichloroethene	7.500	96	623374	99.449	ug/l	89
30) 2-Butanone	7.500	43	490269	78.265	ug/l	99
33) Carbon Tetrachloride	8.371	117	815013	105.407	ug/l	99
34) Benzene	8.618	78	1137706	43.839	ug/l #	88
36) 1,2-Dichloroethane	8.682	62	1260641	145.870	ug/l	99
37) Trichloroethene	9.359	130	382464	70.864	ug/l	91
41) Bromodichloromethane	9.894	83	742774	85.552	ug/l #	98
48) t-1,3-Dichloropropene	10.841	75	953747	95.746	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	743467	70.384	ug/l	94
50) 1,1,2-Trichloroethane	11.024	97	638543	97.333	ug/l	97
53) Dibromochloromethane	11.365	129	609049	94.758	ug/l	99
54) 1,2-Dibromoethane	11.471	107	347795	55.179	ug/l	98
56) Bromoform	12.582	173	411886	88.928	ug/l	99
59) 2-Hexanone	11.200	43	1439586	146.644	ug/l	96
61) Tetrachloroethene	11.106	164	122004	27.902	ug/l	92
62) Toluene	10.635	91	2409456	85.030	ug/l	100
64) Chlorobenzene	11.894	112	1902768	118.136	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	898553	148.115	ug/l	97
66) Ethyl Benzene	11.971	91	1801371	58.461	ug/l	100
67) m/p-Xylenes	12.076	106	277064	23.935	ug/l	97
68) o-Xylene	12.400	106	1415430	120.292	ug/l	98
69) Styrene	12.412	104	913052m	47.410	ug/l	
71) 1,1,2,2-Tetrachloroethane	12.941	83	1393264	122.732	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	1301500	136.468	ug/l	1
80) 1,2,4-Trimethylbenzene	13.488	105	411670	16.591	ug/l	96
84) 1,4-Dichlorobenzene	13.812	146	909002	76.266	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	241311	19.586	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	170297	74.329	ug/l	97
90) Hexachlorobutadiene	15.500	225	376427	137.205	ug/l	96

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

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