

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074876.D
 Acq On : 12 Oct 2022 15:03
 Operator : JC\MD
 Sample : N4785-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

Manual Integrations
 APPROVED

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

Quant Time: Oct 13 07:55:49 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

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

Internal Standards						
1) Bromochloromethane	7.824	128	75286	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	455994	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	427250	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	215358	30.554	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.833%			
60) 4-Bromofluorobenzene	12.853	95	219755	29.004	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.667%			
63) Toluene-d8	10.571	98	737310	29.901	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.667%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.383	50	9627	1.424	ug/l	90
4) Vinyl Chloride	2.536	62	926686	93.074	ug/l	99
5) Bromomethane	2.936	94	626479	79.360	ug/l	91
15) Acetone	4.453	58	189273	167.201	ug/l	90
18) Methylene Chloride	5.295	84	430351	72.233	ug/l	89
19) trans-1,2-Dichloroethene	5.806	96	93640	18.566	ug/l	93
22) cis-1,2-Dichloroethene	7.494	96	620253	98.206	ug/l	91
30) 2-Butanone	7.500	43	487100	74.200	ug/l #	82
33) Carbon Tetrachloride	8.371	117	809962	99.959	ug/l	97
34) Benzene	8.612	78	1168101	42.951	ug/l #	89
36) 1,2-Dichloroethane	8.677	62	1279653	141.293	ug/l	100
37) Trichloroethene	9.359	130	382947	67.706	ug/l	93
41) Bromodichloromethane	9.894	83	768580	84.472	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	984543	94.314	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	774833	69.996	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	656501	95.491	ug/l	96
53) Dibromochloromethane	11.359	129	627407	93.146	ug/l	97
54) 1,2-Dibromoethane	11.471	107	362048	54.811	ug/l	96
56) Bromoform	12.582	173	423845	87.322	ug/l	100
59) 2-Hexanone	11.200	43	1427945	139.637	ug/l	98
61) Tetrachloroethene	11.106	164	123325	27.075	ug/l	95
62) Toluene	10.635	91	2490154	84.361	ug/l	98
64) Chlorobenzene	11.894	112	1965619	117.155	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	924878	146.354	ug/l	97
66) Ethyl Benzene	11.965	91	1889881	58.879	ug/l	100
67) m/p-Xylenes	12.076	106	282567	23.433	ug/l	100
68) o-Xylene	12.400	106	1442366	117.676	ug/l	100
69) Styrene	12.412	104	937359m	46.724	ug/l	
71) 1,1,2,2-Tetrachloroethane	12.941	83	1429276	120.867	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	1316668	132.534	ug/l	1
80) 1,2,4-Trimethylbenzene	13.482	105	434586	16.813	ug/l	95
84) 1,4-Dichlorobenzene	13.812	146	931714	75.043	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	245609	19.137	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	155873	65.311	ug/l	97
90) Hexachlorobutadiene	15.506	225	362867	126.970	ug/l	98

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

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