

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066713.D
 Acq On : 22 Apr 2021 14:39
 Operator : JC/MD
 Sample : M2135-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210421085-02-VOA

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 1:15:27 PM

Quant Time: Apr 23 06:30:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 21 16:55:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.111	128	50243	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.519	114	265696	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.348	117	229504	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	106724	29.48	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.27%		
60) 4-Bromofluorobenzene	12.349	95	88993	24.74	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	82.47%		
63) Toluene-d8	10.029	98	320847	30.38	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.27%		
Target Compounds						Qvalue
8) Diethyl Ether	3.356	74	18583	10.24	ug/l	93
15) Acetone	3.764	58	1854m	4.52	ug/l	
23) tert-Butyl Alcohol	4.697	59	120245	225.83	ug/l #	100
24) Methyl tert-Butyl Ether	4.949	73	6446m	0.71	ug/l	
30) 2-Butanone	6.730	43	8979m	4.45	ug/l	
34) Benzene	7.966	78	24765	1.84	ug/l #	1
45) 1,4-Dioxane	9.136	88	7242	134.35	ug/l	98
58) 4-Methyl-2-Pentanone	9.914	43	5110m	1.31	ug/l	
62) Toluene	10.096	91	17038	1.31	ug/l	98
64) Chlorobenzene	11.375	112	103462	13.28	ug/l	98
66) Ethyl Benzene	11.456	91	40833	2.93	ug/l	96
67) m/p-Xylenes	11.568	106	18194	3.48	ug/l	93
68) o-Xylene	11.893	106	18584	3.67	ug/l	95
70) Isopropylbenzene	12.196	105	15311	1.16	ug/l	100
74) n-propylbenzene	12.547	91	5455	0.36	ug/l	91
75) 2-Chlorotoluene	12.622	91	6081	0.66	ug/l	76
76) 1,3,5-Trimethylbenzene	12.679	105	5674	0.51	ug/l	90
80) 1,2,4-Trimethylbenzene	12.987	105	20804	1.94	ug/l	94
84) 1,4-Dichlorobenzene	13.314	146	47677	8.88	ug/l	95
91) Naphthalene	15.076	128	52107	6.87	ug/l	99

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

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