

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067315.D
 Acq On : 12 Jun 2021 4:25
 Operator : JC/MD
 Sample : M2703-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210609018-02-VOA

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 4:12:11 PM

Quant Time: Jun 12 09:30:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	63305	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	403938	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	365389	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	217546	32.700	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.000%			
60) 4-Bromofluorobenzene	12.734	95	208140	29.506	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.367%			
63) Toluene-d8	10.443	98	525234	30.141	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.467%			
Target Compounds						Qvalue
8) Diethyl Ether	3.821	74	5541m	2.037	ug/l	
15) Acetone	4.291	58	206374	345.492	ug/l	99
16) Carbon Disulfide	4.524	76	51229	4.214	ug/l	100
23) tert-Butyl Alcohol	5.385	59	3656295	3453.915	ug/l #	100
30) 2-Butanone	7.337	43	1463024	394.195	ug/l	95
34) Benzene	8.459	78	65340	3.213	ug/l #	61
45) 1,4-Dioxane	9.569	88	7851	86.386	ug/l #	81
58) 4-Methyl-2-Pentanone	10.333	43	32036	3.989	ug/l #	86
62) Toluene	10.505	91	80062	3.661	ug/l	99
64) Chlorobenzene	11.771	112	13508	1.052	ug/l	97
66) Ethyl Benzene	11.846	91	176430	6.948	ug/l	99
67) m/p-Xylenes	11.953	106	57320	6.399	ug/l	96
68) o-Xylene	12.283	106	38621	4.319	ug/l	98
70) Isopropylbenzene	12.581	105	26178	1.136	ug/l	96
74) n-propylbenzene	12.919	91	10572	0.382	ug/l	91
76) 1,3,5-Trimethylbenzene	13.063	105	13145	0.673	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	50654	2.628	ug/l #	67
82) p-Isopropyltoluene	13.619	119	21126	1.204	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	27990	3.227	ug/l	97
91) Naphthalene	15.507	128	572782	39.777	ug/l	99

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

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