

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111021\
 Data File : VN069447.D
 Acq On : 10 Nov 2021 18:19
 Operator : JC/MD
 Sample : M4576-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

Quant Time: Nov 11 03:14:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Semsettin Yesilyurt 11/16/2021

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

Internal Standards						
1) Bromochloromethane	7.662	128	158694	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	909531	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	779736	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	443628	32.233	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.433%			
60) 4-Bromofluorobenzene	12.733	95	302413	24.236	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 80.800%			
63) Toluene-d8	10.443	98	1127448	31.316	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.400%			
Target Compounds						
					Qvalue	
32) 1,1,1-Trichloroethane	8.016	97	8131m	0.502	ug/l	
58) 4-Methyl-2-Pentanone	10.333	43	10192	0.595	ug/l	98
59) 2-Hexanone	11.092	43	23393	1.797	ug/l #	90
67) m/p-Xylenes	11.958	106	4516	0.256	ug/l	93
80) 1,2,4-Trimethylbenzene	13.369	105	7699	0.208	ug/l #	94
82) p-Isopropyltoluene	13.618	119	8226	0.221	ug/l	87
83) 1,3-Dichlorobenzene	13.624	146	6216	0.342	ug/l	93
84) 1,4-Dichlorobenzene	13.696	146	7848	0.445	ug/l	92
85) n-Butylbenzene	13.946	91	14618	0.471	ug/l	96
87) 1,2-Dichlorobenzene	13.983	146	7017m	0.400	ug/l	
89) 1,2,4-Trichlorobenzene	15.268	180	10810m	1.285	ug/l	
90) Hexachlorobutadiene	15.370	225	1681	0.370	ug/l	76
91) Naphthalene	15.507	128	52169	2.153	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.702	180	13456	1.627	ug/l	98

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

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