

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083874.D
 Acq On : 13 Sep 2024 16:55
 Operator : JC\MD
 Sample : P3966-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOA-240911078-02

Quant Time: Sep 13 23:53:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/14/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	25954	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	143157	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	132659	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72643	30.620	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.067%			
60) 4-Bromofluorobenzene	12.847	95	64824	28.353	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.500%			
63) Toluene-d8	10.565	98	177713	28.931	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.433%			
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.959	74	3280m	3.101	ug/l	
15) Acetone	4.424	58	52495	201.012	ug/l #	54
16) Carbon Disulfide	4.712	76	7799	1.711	ug/l	98
23) tert-Butyl Alcohol	5.518	59	2062780	7140.266	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	25039	4.368	ug/l #	75
30) 2-Butanone	7.482	43	592926	553.947	ug/l #	90
34) Benzene	8.606	78	34254	5.028	ug/l #	84
45) 1,4-Dioxane	9.694	88	3389	116.607	ug/l #	90
58) 4-Methyl-2-Pentanone	10.435	43	10561	5.021	ug/l #	50
62) Toluene	10.629	91	42212	5.536	ug/l	95
64) Chlorobenzene	11.894	112	13806	2.924	ug/l	100
66) Ethyl Benzene	11.965	91	77701	8.961	ug/l	99
67) m/p-Xylenes	12.070	106	28018	8.783	ug/l	97
68) o-Xylene	12.394	106	15734	5.096	ug/l	98
70) Isopropylbenzene	12.694	105	9792	1.202	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	4703	0.691	ug/l	92
80) 1,2,4-Trimethylbenzene	13.482	105	20584	2.993	ug/l	98
82) p-Isopropyltoluene	13.729	119	42777	6.253	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	9961	2.766	ug/l	97
91) Naphthalene	15.641	128	155137	24.778	ug/l	99

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

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