

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083966.D
 Acq On : 18 Sep 2024 06:45
 Operator : JC\MD
 Sample : P3964-05
 Misc : 10.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SINK-2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2024
 Supervised By : Mahesh Dadoda 09/18/2024

Quant Time: Sep 18 07:19:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	184334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	309965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131956	47.475	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.940%		
35) Dibromofluoromethane	8.165	113	93163	46.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	10.565	98	372718	54.332	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.660%		
62) 4-Bromofluorobenzene	12.847	95	141535	50.007	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.020%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.600	83	81011	23.829	ug/l #	78
40) Benzene	8.600	78	3812	0.424	ug/l	99
52) Toluene	10.629	92	139028	25.284	ug/l	96
67) Ethyl Benzene	11.965	91	1232541	118.645	ug/l	98
68) m/p-Xylenes	12.065	106	2143731	555.823	ug/l	98
69) o-Xylene	12.394	106	823033	220.432	ug/l	100
73) Isopropylbenzene	12.694	105	440606	43.395	ug/l	100
78) n-propylbenzene	13.035	91	807731	68.372	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	867003	101.281	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	2931312	340.892	ug/l	100
85) sec-Butylbenzene	13.612	105	61815m	6.223	ug/l	
86) p-Isopropyltoluene	13.729	119	22672m	2.723	ug/l	
89) n-Butylbenzene	14.053	91	88264	11.807	ug/l #	79

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

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Abundance

TIC: VN083966.D\data.ms

Time-->

8500000

8000000

7500000

7000000

6500000

6000000

5500000

5000000

4500000

4000000

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

DiBromomethane, S, I

Permethrin, S, I

Benzoic Acid, S

1,4-Difluorobenzene, I

Methylcyclohexane, T

Toluene, S, I

Chlorobenzene-d5, I

Ethyl Benzene, C

o-Xylene, T

Isopropylbenzene, T

4-Bromodifluorobenzene, S

n-Propylbenzene, I

1,3,5-Trimethylbenzene, T

sec-Butylbenzene, T

p-Isopropyltoluene, I

p-Chlorobenzene-d4, I

n-Butylbenzene, T

1,2,4-Trimethylbenzene, T

m,p-Xylenes, T