

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087580.D
 Acq On : 15 Aug 2025 14:35
 Operator : JC\MD
 Sample : Q2822-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2185

Quant Time: Aug 18 05:43:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	222947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	497338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	461729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	219403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	212618	56.205	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.400%
35) Dibromofluoromethane	8.153	113	154066	44.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.820%
50) Toluene-d8	10.547	98	557271	45.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.829	95	201939	44.665	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.340%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.424	43	578025	325.885	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	18827	2.007	ug/l #	89
25) 2-Butanone	7.477	43	130367	47.570	ug/l	99
40) Benzene	8.588	78	5709	0.390	ug/l	100
51) 4-Methyl-2-Pentanone	10.429	43	18382	2.860	ug/l	99
52) Toluene	10.606	92	21904	2.460	ug/l	94
59) 2-Hexanone	11.182	43	18040	4.231	ug/l	90
67) Ethyl Benzene	11.947	91	24605	1.442	ug/l	99
68) m/p-Xylenes	12.059	106	5778	0.904	ug/l	84
69) o-Xylene	12.376	106	21813	3.573	ug/l	95
78) n-propylbenzene	13.012	91	4547	0.262	ug/l	97
80) 1,3,5-Trimethylbenzene	13.147	105	9868	0.839	ug/l	91
84) 1,2,4-Trimethylbenzene	13.459	105	15043	1.252	ug/l	98
85) sec-Butylbenzene	13.594	105	3611	0.244	ug/l	91
86) p-Isopropyltoluene	13.706	119	3636	0.307	ug/l	96
89) n-Butylbenzene	14.035	91	6237	0.551	ug/l #	63
95) Naphthalene	15.611	128	193949	13.997	ug/l	97

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

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