

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087129.D
 Acq On : 20 Jun 2025 11:42
 Operator : JC\MD
 Sample : Q2354-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3321

Quant Time: Jun 20 23:02:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	265390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	539692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	447089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	213690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186769	52.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.120%	
35) Dibromofluoromethane	8.171	113	162627	50.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.700%	
50) Toluene-d8	10.565	98	652648	51.546	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	12.847	95	217510	46.239	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	11282	11.702	ug/l	95
13) Acrolein	4.200	56	104217	341.486	ug/l	88
16) Acetone	4.442	43	605370	321.265	ug/l	96
18) Methyl Acetate	5.047	43	33190	6.044	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	20531	1.920	ug/l #	73
20) Methylene Chloride	5.306	84	10148	2.877	ug/l	93
25) 2-Butanone	7.488	43	48978	15.991	ug/l	98
31) Cyclohexane	8.265	56	41103	7.132	ug/l	96
37) Ethyl Acetate	7.571	43	31227	5.147	ug/l	99
39) Methylcyclohexane	9.606	83	37821	5.792	ug/l	92
40) Benzene	8.612	78	932515	59.836	ug/l	99
43) Isopropyl Acetate	8.694	43	14820	1.522	ug/l #	84
52) Toluene	10.629	92	1782927	187.202	ug/l	99
67) Ethyl Benzene	11.959	91	685386	40.353	ug/l	99
68) m/p-Xylenes	12.065	106	835365	128.482	ug/l	98
69) o-Xylene	12.394	106	534218	85.790	ug/l	96
73) Isopropylbenzene	12.694	105	93716	6.020	ug/l	100
78) n-propylbenzene	13.029	91	236328	12.492	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	303819	23.638	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	1416229	109.884	ug/l	99
85) sec-Butylbenzene	13.612	105	43465	2.544	ug/l	82
86) p-Isopropyltoluene	13.723	119	27322	1.935	ug/l	99
89) n-Butylbenzene	14.053	91	36568	2.673	ug/l #	81

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

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