

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112025\
 Data File : BP026171.D
 Acq On : 20 Nov 2025 12:27
 Operator : RC/JU
 Sample : Q3530-08
 Misc : LOQ-WATER-10ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 20 12:47:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	275945	20.000	ng	0.00
21) Naphthalene-d8	10.431	136	1143165	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	747957	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1539933	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1716371	20.000	ng	0.00
86) Perylene-d12	24.907	264	1842046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1916935	111.502	ng	0.00
7) Phenol-d6	6.843	99	2499469	114.201	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1665817	82.772	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1119828	115.413	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4196702	82.233	ng	-0.01
79) Terphenyl-d14	19.866	244	7153271	84.981	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.526	42	68088	9.040	ng	# 95
9) Benzaldehyde	6.814	77	146593	12.781	ng	98
15) Benzyl Alcohol	7.896	79	140244	8.746	ng	97
20) 3+4-Methylphenols	8.425	107	184123	8.279	ng	98
32) Benzoic acid	9.690	122	83976m	5.369	ng	
35) Caprolactam	11.349	113	54944	8.265	ng	95
41) Hexachlorocyclopentadiene	12.460	237	89672	6.058	ng	98
54) 2,4-Dinitrophenol	14.419	184	40950	6.128	ng	97
56) 4-Nitrophenol	14.525	139	85371m	7.241	ng	
65) 4,6-Dinitro-2-methylph...	15.460	198	66118	6.758	ng	88
70) Pentachlorophenol	16.760	266	110308	7.969	ng	98
77) Benzidine	19.460	184	386843	7.102	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	363666	8.484	ng	98
85) Di-n-octyl phthalate	22.801	149	1012893	7.721	ng	99

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

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