

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064829.D
 Acq On : 20 Nov 2025 11:31
 Operator : RC/JU
 Sample : Q3530-08
 Misc : LOQ-WATER-10ng
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Nov 20 12:07:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 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	8.162	152	49327	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	194870	20.000	ng	#-0.01
39) Acenaphthene-d10	14.772	164	162657	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	411073	20.000	ng	0.00
76) Chrysene-d12	21.746	240	491277	20.000	ng	-0.01
86) Perylene-d12	25.007	264	462368	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	305992	108.324	ng	0.00
7) Phenol-d6	7.304	99	427656	113.826	ng	0.00
23) Nitrobenzene-d5	9.319	82	317784	80.629	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	360487	113.635	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	926790	79.504	ng	0.00
79) Terphenyl-d14	20.089	244	2219095	88.853	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.849	42	12381	7.466	ng	# 79
9) Benzaldehyde	7.287	77	25939	10.547	ng	96
15) Benzyl Alcohol	8.391	79	24967	8.096	ng	98
20) 3+4-Methylphenols	8.920	107	33027	8.335	ng	94
32) Benzoic acid	10.201	122	10677m	10.053	ng	
35) Caprolactam	11.869	113	9078	8.884	ng	93
41) Hexachlorocyclopentadiene	12.968	237	23430	5.164	ng	96
54) 2,4-Dinitrophenol	14.866	184	6816	12.177	ng	# 88
56) 4-Nitrophenol	14.960	139	14177	7.322	ng	90
65) 4,6-Dinitro-2-methylph...	15.871	198	17472	7.655	ng	93
70) Pentachlorophenol	17.151	266	27012	12.586	ng	# 87
77) Benzidine	19.701	184	97260	6.610	ng	99
82) 3,3'-Dichlorobenzidine	21.634	252	107847	8.771	ng	99
85) Di-n-octyl phthalate	22.851	149	223437	9.134	ng	97

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

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