

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064273.D
 Acq On : 4 Sep 2025 4:46
 Operator : RC/JU
 Sample : Q2126-08
 Misc : LOQ-WATER 10PPM
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Sep 04 07:10:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	27651	20.000	ng	0.00
21) Naphthalene-d8	10.641	136	136537	20.000	ng	# 0.00
39) Acenaphthene-d10	14.477	164	113731	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	270938	20.000	ng	0.00
76) Chrysene-d12	21.446	240	203796	20.000	ng	0.00
86) Perylene-d12	24.454	264	225134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	204936	132.970	ng	0.00
7) Phenol-d6	7.027	99	315959	149.222	ng	0.00
23) Nitrobenzene-d5	9.007	82	252114	102.979	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	227155	150.791	ng	0.00
45) 2-Fluorobiphenyl	13.103	172	698530	93.748	ng	0.00
79) Terphenyl-d14	19.836	244	1078464	110.407	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.661	42	13578	10.856	ng	# 89
9) Benzaldehyde	6.998	77	19600	11.248	ng	91
15) Benzyl Alcohol	8.085	79	22373	11.450	ng	95
20) 3+4-Methylphenols	8.620	107	26971	11.157	ng	97
32) Benzoic acid	9.918	122	11177m	7.256	ng	
35) Caprolactam	11.546	113	8825	11.132	ng	# 85
41) Hexachlorocyclopentadiene	12.656	237	19090	12.240	ng	94
54) 2,4-Dinitrophenol	14.583	184	7827	12.332	ng	93
56) 4-Nitrophenol	14.689	139	12578	8.784	ng	88
65) 4,6-Dinitro-2-methylph...	15.600	198	15547	9.995	ng	89
70) Pentachlorophenol	16.869	266	18228	9.407	ng	# 91
77) Benzidine	19.454	184	62661	14.616	ng	98
82) 3,3'-Dichlorobenzidine	21.352	252	53208	12.531	ng	98
85) Di-n-octyl phthalate	22.497	149	140424	11.085	ng	98

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

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