Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064269.D
Acq On : 4 Sep 2025 2:02
Operator : RC/JU
Sample : Q2126-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 04 03:05:35 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

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

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	7.854	152	39167	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	182915	20.000	ng	-0.01
39) Acenaphthene-d10	14.476	164	136089	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	271698	20.000	ng	0.00
76) Chrysene-d12	21.444	240	243870	20.000	ng	-0.01
86) Perylene-d12	24.453	264	262317	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	305536	139.955	ng	0.00
7) Phenol-d6	7.026	99	452443	150.854	ng	0.00
23) Nitrobenzene-d5	9.006	82	346779	105.732	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	250219	138.813	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	868297	97.387	ng	0.00
79) Terphenyl-d14	19.840	244	1183407	101.242	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.360	88	8643	9.498	ng	# 77
3) Pyridine	3.753	79	21620	8.072	ng	# 56
4) n-Nitrosodimethylamine	3.665	42	14887	8.403	ng	91
6) Aniline	7.184	93	37684	9.086	ng	# 92
8) 2-Chlorophenol	7.425	128	24011	9.001	ng	93
9) Benzaldehyde	6.996	77	24317	9.852	ng	99
10) Phenol	7.049	94	29768	9.002	ng	89
11) bis(2-Chloroethyl)ether	7.279	93	22184	8.928	ng	92
12) 1,3-Dichlorobenzene	7.743	146	26342	9.282	ng	95
13) 1,4-Dichlorobenzene	7.890	146	26226	9.156	ng	93
14) 1,2-Dichlorobenzene	8.207	146	26025	9.414	ng	94
15) Benzyl Alcohol	8.083	79	25313	9.146	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.383	45	48187	8.494	ng	97
17) 2-Methylphenol	8.289	107	20484	8.312	ng	# 85
18) Hexachloroethane	8.935	117	10439	9.337	ng	97
19) n-Nitroso-di-n-propyla...	8.653	70	21212	9.241	ng	99
20) 3+4-Methylphenols	8.624	107	27979	8.171	ng	97
22) Acetophenone	8.671	105	42759	9.240	ng	# 95
24) Nitrobenzene	9.053	77	31195	9.103	ng	95
25) Isophorone	9.570	82	60636	8.896	ng	98
26) 2-Nitrophenol	9.758	139	13335	9.006	ng	97
27) 2,4-Dimethylphenol	9.817	122	23437	9.016	ng	90
28) bis(2-Chloroethoxy)met...	10.052	93	32878	8.945	ng	94
29) 2,4-Dichlorophenol	10.293	162	24021	8.757	ng	93
30) 1,2,4-Trichlorobenzene	10.504	180	26782	9.260	ng	100
31) Naphthalene	10.692	128	82826	8.732	ng	98
32) Benzoic acid	9.917	122	11475m	5.561	ng	
33) 4-Chloroaniline	10.798	127	35250	9.589	ng	96
34) Hexachlorobutadiene	10.986	225	19561	9.150	ng	# 82
35) Caprolactam	11.550	113	7126	6.709	ng	88
36) 4-Chloro-3-methylphenol	11.920	107	31172	8.759	ng	97
37) 2-Methylnaphthalene	12.302	142	57846	8.205	ng	94
38) 1-Methylnaphthalene	12.519	142	61805	8.875	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.672	216	34806	8.864	ng	95
41) Hexachlorocyclopentadiene	12.655	237	18412	9.866	ng	92
43) 2,4,6-Trichlorophenol	12.907	196	22170	8.447	ng	96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.978	196	26028	9.142	ng		88
46)	1,1'-Biphenyl	13.313	154	88110	8.889	ng		99
47)	2-Chloronaphthalene	13.354	162	64905	8.710	ng		99
48)	2-Nitroaniline	13.554	65	21399	8.425	ng		91
49)	Acenaphthylene	14.200	152	108079	9.812	ng		98
50)	Dimethylphthalate	13.935	163	86258	8.374	ng		99
51)	2,6-Dinitrotoluene	14.047	165	18802	9.428	ng	#	86
52)	Acenaphthene	14.541	154	67870	8.731	ng		97
53)	3-Nitroaniline	14.376	138	16558	7.927	ng		91
54)	2,4-Dinitrophenol	14.588	184	6812	10.510	ng		93
55)	Dibenzofuran	14.875	168	106050	8.673	ng		98
56)	4-Nitrophenol	14.693	139	10472	6.111	ng		92
57)	2,4-Dinitrotoluene	14.834	165	24493	8.123	ng		98
58)	Fluorene	15.522	166	88929	8.873	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.105	232	23146m	8.453	ng		
60)	Diethylphthalate	15.299	149	85274	7.735	ng		97
61)	4-Chlorophenyl-phenyle...	15.522	204	43564	8.718	ng		96
62)	4-Nitroaniline	15.534	138	14375	6.744	ng		98
63)	Azobenzene	15.816	77	82611	8.408	ng		95
65)	4,6-Dinitro-2-methylph...	15.598	198	13044	8.362	ng		95
66)	n-Nitrosodiphenylamine	15.733	169	72505	9.701	ng		97
67)	4-Bromophenyl-phenylether	16.415	248	28822	9.988	ng		97
68)	Hexachlorobenzene	16.532	284	32341	10.092	ng	#	90
69)	Atrazine	16.679	200	23325	7.474	ng		90
70)	Pentachlorophenol	16.873	266	14797	7.615	ng		92
71)	Phenanthrene	17.261	178	129889	9.064	ng		98
72)	Anthracene	17.349	178	130019	8.919	ng		99
73)	Carbazole	17.619	167	103084	8.027	ng		97
74)	Di-n-butylphthalate	18.183	149	116542	7.554	ng		98
75)	Fluoranthene	19.270	202	125092	7.424	ng		98
77)	Benzidine	19.452	184	51913	10.119	ng		98
78)	Pyrene	19.629	202	131940	8.588	ng		98
80)	Butylbenzylphthalate	20.528	149	53395	9.214	ng		93
81)	Benzo(a)anthracene	21.427	228	139691	8.954	ng		96
82)	3,3'-Dichlorobenzidine	21.350	252	51077	10.052	ng		91
83)	Chrysene	21.491	228	130586	8.718	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.356	149	80701	9.276	ng		100
85)	Di-n-octyl phthalate	22.496	149	134186	8.852	ng		100
87)	Indeno(1,2,3-cd)pyrene	27.825	276	159131	8.883	ng		98
88)	Benzo(b)fluoranthene	23.501	252	131128	8.857	ng		98
89)	Benzo(k)fluoranthene	23.565	252	139816m	9.270	ng		
90)	Benzo(a)pyrene	24.311	252	127421	9.252	ng		96
91)	Dibenzo(a,h)anthracene	27.890	278	127289	8.850	ng		94
92)	Benzo(g,h,i)perylene	28.888	276	125973	9.001	ng		99

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

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