Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064271.D
Acq On : 4 Sep 2025 3:24
Operator : RC/JU
Sample : Q2893-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 04 04:22:48 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-QT3-2025

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	7.852	152	37011	20.000	ng		0.00
21) Naphthalene-d8	10.643	136	175771	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	132764	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	276554	20.000	ng		0.00
76) Chrysene-d12	21.448	240	243038	20.000	ng		0.00
86) Perylene-d12	24.450	264	255286	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.443	112	287043	139.143	ng		0.00
7) Phenol-d6	7.029	99	426685	150.553	ng		0.00
23) Nitrobenzene-d5	9.010	82	330961	105.011	ng		0.00
42) 2,4,6-Tribromophenol	15.966	330	249120	141.665	ng		0.00
45) 2-Fluorobiphenyl	13.105	172	841257	96.717	ng		0.00
79) Terphenyl-d14	19.838	244	1159408	99.529	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	7871	9.154	ng		87
3) Pyridine	3.751	79	21172	8.365	ng	#	53
4) n-Nitrosodimethylamine	3.669	42	14264	8.520	ng	#	94
6) Aniline	7.182	93	36448	9.300	ng		93
8) 2-Chlorophenol	7.423	128	22089	8.762	ng		93
9) Benzaldehyde	7.000	77	20919	8.969	ng		95
10) Phenol	7.053	94	27942	8.942	ng		92
11) bis(2-Chloroethyl)ether	7.282	93	20508	8.734	ng		98
12) 1,3-Dichlorobenzene	7.746	146	24652	9.192	ng		92
13) 1,4-Dichlorobenzene	7.887	146	24281	8.971	ng		91
14) 1,2-Dichlorobenzene	8.205	146	23189	8.877	ng		97
15) Benzyl Alcohol	8.087	79	23222	8.879	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.375	45	44888	8.373	ng		100
17) 2-Methylphenol	8.293	107	19478	8.364	ng		90
18) Hexachloroethane	8.933	117	9403	8.900	ng		87
19) n-Nitroso-di-n-propyla...	8.651	70	19889	9.169	ng		86
20) 3+4-Methylphenols	8.616	107	28266	8.735	ng		94
22) Acetophenone	8.669	105	41586	9.352	ng	#	96
24) Nitrobenzene	9.051	77	30328	9.210	ng		99
25) Isophorone	9.568	82	58864	8.987	ng		96
26) 2-Nitrophenol	9.756	139	12825	9.014	ng	#	88
27) 2,4-Dimethylphenol	9.814	122	22050	8.827	ng		92
28) bis(2-Chloroethoxy)met...	10.049	93	31883	9.027	ng	#	91
29) 2,4-Dichlorophenol	10.285	162	23098	8.763	ng		91
30) 1,2,4-Trichlorobenzene	10.508	180	25639	9.225	ng		93
31) Naphthalene	10.690	128	79415	8.713	ng		99
32) Benzoic acid	9.914	122	11247m	5.672	ng		
33) 4-Chloroaniline	10.796	127	33118	9.375	ng		98
34) Hexachlorobutadiene	10.984	225	17807	8.668	ng	#	90
35) Caprolactam	11.554	113	7575	7.422	ng		94
36) 4-Chloro-3-methylphenol	11.918	107	30450	8.904	ng		91
37) 2-Methylnaphthalene	12.300	142	55223	8.151	ng		96
38) 1-Methylnaphthalene	12.523	142	58062	8.677	ng		99
40) 1,2,4,5-Tetrachloroben...	12.664	216	33911	8.853	ng		98
41) Hexachlorocyclopentadiene	12.652	237	17429	9.573	ng		89
43) 2,4,6-Trichlorophenol	12.911	196	22279	8.702	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	25757	9.274	ng		94
46) 1,1'-Biphenyl	13.310	154	87018	8.999	ng		99
47) 2-Chloronaphthalene	13.352	162	62690	8.623	ng		94
48) 2-Nitroaniline	13.551	65	21499	8.677	ng		94
49) Acenaphthylene	14.198	152	104528	9.727	ng		99
50) Dimethylphthalate	13.933	163	86940	8.651	ng		97
51) 2,6-Dinitrotoluene	14.045	165	17647	9.071	ng		93
52) Acenaphthene	14.538	154	65061	8.579	ng		96
53) 3-Nitroaniline	14.374	138	16730	8.210	ng	#	77
54) 2,4-Dinitrophenol	14.585	184	6614	10.487	ng		91
55) Dibenzofuran	14.873	168	104428	8.754	ng		98
56) 4-Nitrophenol	14.691	139	10001	5.983	ng	#	82
57) 2,4-Dinitrotoluene	14.838	165	25803	8.772	ng	#	84
58) Fluorene	15.525	166	86927	8.891	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.102	232	23656	8.856	ng		97
60) Diethylphthalate	15.296	149	85690	7.968	ng		97
61) 4-Chlorophenyl-phenyle...	15.520	204	45055	9.243	ng		97
62) 4-Nitroaniline	15.537	138	13561	6.521	ng		98
63) Azobenzene	15.813	77	84550	8.821	ng		97
65) 4,6-Dinitro-2-methylph...	15.596	198	14482	9.121	ng		96
66) n-Nitrosodiphenylamine	15.731	169	76727	10.085	ng		98
67) 4-Bromophenyl-phenylether	16.413	248	28752	9.788	ng		89
68) Hexachlorobenzene	16.530	284	31839	9.761	ng		89
69) Atrazine	16.677	200	23640	7.442	ng		96
70) Pentachlorophenol	16.871	266	14997	7.583	ng		96
71) Phenanthrene	17.259	178	128817	8.831	ng		99
72) Anthracene	17.347	178	130590	8.801	ng		98
73) Carbazole	17.617	167	101819	7.790	ng		99
74) Di-n-butylphthalate	18.187	149	114252	7.276	ng		98
75) Fluoranthene	19.268	202	125488	7.317	ng		98
77) Benzidine	19.450	184	51538	10.080	ng		99
78) Pyrene	19.632	202	128692	8.405	ng		99
80) Butylbenzylphthalate	20.525	149	52260	9.049	ng		93
81) Benzo(a)anthracene	21.424	228	133730	8.601	ng		99
82) 3,3'-Dichlorobenzidine	21.348	252	49716	9.818	ng		98
83) Chrysene	21.489	228	130714	8.757	ng		98
84) Bis(2-ethylhexyl)phtha...	21.354	149	81010	9.343	ng		98
85) Di-n-octyl phthalate	22.494	149	132612	8.778	ng		99
87) Indeno(1,2,3-cd)pyrene	27.829	276	155283	8.907	ng		99
88) Benzo(b)fluoranthene	23.498	252	131982	9.160	ng		99
89) Benzo(k)fluoranthene	23.563	252	128764	8.772	ng		99
90) Benzo(a)pyrene	24.309	252	128244	9.569	ng		96
91) Dibenzo(a,h)anthracene	27.887	278	127907	9.138	ng		96
92) Benzo(g,h,i)perylene	28.869	276	124953	9.174	ng	#	94

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

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