Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025742.D
Acq On : 12 Sep 2025 13:49
Operator : CG/JU
Sample : Q2893-07
Misc : LOD-MDL-WATER 8 PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 12 14:16:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	128411	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	543789	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	373873	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	773139	20.000	ng		-0.01
76) Chrysene-d12	21.625	240	862837	20.000	ng		-0.02
86) Perylene-d12	24.977	264	925516	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	970369	121.932	ng		0.00
7) Phenol-d6	6.943	99	1319664	124.755	ng		0.00
23) Nitrobenzene-d5	8.896	82	973305	78.952	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	558501	119.765	ng		-0.01
45) 2-Fluorobiphenyl	12.990	172	2206231	78.572	ng		0.00
79) Terphenyl-d14	19.901	244	3703421	77.215	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	25985	7.780	ng		97
3) Pyridine	3.714	79	68717	7.471	ng		97
4) n-Nitrosodimethylamine	3.620	42	32546	7.499	ng	#	99
6) Aniline	7.096	93	110786	7.629	ng		99
8) 2-Chlorophenol	7.331	128	68964	7.899	ng		96
9) Benzaldehyde	6.914	77	64350	10.149	ng		99
10) Phenol	6.972	94	87289	7.826	ng		98
11) bis(2-Chloroethyl)ether	7.184	93	69486	7.754	ng		99
12) 1,3-Dichlorobenzene	7.649	146	78052	7.855	ng		98
13) 1,4-Dichlorobenzene	7.790	146	79613	7.866	ng		98
14) 1,2-Dichlorobenzene	8.102	146	78725	8.006	ng		96
15) Benzyl Alcohol	8.002	79	60847	6.961	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.278	45	113508	7.745	ng		99
17) 2-Methylphenol	8.202	107	53353	7.095	ng		97
18) Hexachloroethane	8.819	117	30218	7.816	ng		95
19) n-Nitroso-di-n-propyla...	8.549	70	58087	7.873	ng		98
20) 3+4-Methylphenols	8.531	107	69638	6.612	ng		95
22) Acetophenone	8.566	105	113439	7.806	ng		98
24) Nitrobenzene	8.943	77	87968	7.954	ng		97
25) Isophorone	9.461	82	156726	7.233	ng		99
26) 2-Nitrophenol	9.655	139	32440	6.607	ng		97
27) 2,4-Dimethylphenol	9.719	122	59632	6.923	ng		94
28) bis(2-Chloroethoxy)met...	9.943	93	92539	7.388	ng		100
29) 2,4-Dichlorophenol	10.208	162	57270	6.668	ng		98
30) 1,2,4-Trichlorobenzene	10.390	180	74231	7.669	ng		96
31) Naphthalene	10.578	128	224669	7.662	ng		99
32) Benzoic acid	9.837	122	34262m	5.350	ng		
33) 4-Chloroaniline	10.696	127	82988	6.790	ng		98
34) Hexachlorobutadiene	10.860	225	48431	7.773	ng		99
35) Caprolactam	11.466	113	20217	6.106	ng		90
36) 4-Chloro-3-methylphenol	11.831	107	70502	6.885	ng		94
37) 2-Methylnaphthalene	12.184	142	140620	7.467	ng		96
38) 1-Methylnaphthalene	12.407	142	152201	7.579	ng		99
40) 1,2,4,5-Tetrachloroben...	12.554	216	88494	7.811	ng		99
41) Hexachlorocyclopentadiene	12.537	237	31672	5.133	ng		98
43) 2,4,6-Trichlorophenol	12.807	196	50671	6.803	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	56167	6.776	ng		99
46) 1,1'-Biphenyl	13.201	154	215651	7.858	ng		99
47) 2-Chloronaphthalene	13.243	162	167794	7.765	ng		98
48) 2-Nitroaniline	13.460	65	48858	6.783	ng		97
49) Acenaphthylene	14.101	152	268134	7.489	ng		100
50) Dimethylphthalate	13.831	163	215451	7.548	ng		99
51) 2,6-Dinitrotoluene	13.949	165	44912	7.427	ng		96
52) Acenaphthene	14.443	154	160400	7.769	ng		99
53) 3-Nitroaniline	14.296	138	41540	6.532	ng		98
54) 2,4-Dinitrophenol	14.519	184	14826	8.368	ng		93
55) Dibenzofuran	14.790	168	270052	8.025	ng		97
56) 4-Nitrophenol	14.678	139	17020	7.416	ng		92
57) 2,4-Dinitrotoluene	14.748	165	59497	6.913	ng		97
58) Fluorene	15.443	166	208620	7.796	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	56016	7.502	ng		98
60) Diethylphthalate	15.213	149	216730	7.485	ng		98
61) 4-Chlorophenyl-phenyle...	15.437	204	109865	8.147	ng		96
62) 4-Nitroaniline	15.484	138	36291m	5.570	ng		
63) Azobenzene	15.731	77	209043	7.467	ng		99
65) 4,6-Dinitro-2-methylph...	15.537	198	27617	5.371	ng		96
66) n-Nitrosodiphenylamine	15.648	169	178590	7.548	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	64972	7.650	ng		99
68) Hexachlorobenzene	16.466	284	72952	7.702	ng		100
69) Atrazine	16.637	200	67605	7.475	ng		96
70) Pentachlorophenol	16.831	266	40486	6.476	ng		94
71) Phenanthrene	17.213	178	352054	8.027	ng		100
72) Anthracene	17.319	178	345125	7.756	ng		99
73) Carbazole	17.595	167	312089	7.544	ng		99
74) Di-n-butylphthalate	18.178	149	372554	7.338	ng		100
75) Fluoranthene	19.307	202	415364	7.897	ng		99
77) Benzidine	19.513	184	189294	7.616	ng		98
78) Pyrene	19.689	202	436029	7.574	ng		99
80) Butylbenzylphthalate	20.631	149	175017	6.933	ng		98
81) Benzo(a)anthracene	21.601	228	456844	7.734	ng		99
82) 3,3'-Dichlorobenzidine	21.530	252	145432	7.120	ng	#	99
83) Chrysene	21.678	228	436055	7.744	ng		100
84) Bis(2-ethylhexyl)phtha...	21.536	149	257042	6.960	ng		98
85) Di-n-octyl phthalate	22.813	149	415595	6.326	ng		98
87) Indeno(1,2,3-cd)pyrene	28.789	276	490902	7.294	ng	#	85
88) Benzo(b)fluoranthene	23.919	252	425693	7.521	ng		99
89) Benzo(k)fluoranthene	23.989	252	447068	7.741	ng		97
90) Benzo(a)pyrene	24.813	252	408570	7.372	ng		98
91) Dibenzo(a,h)anthracene	28.871	278	397800	7.222	ng		99
92) Benzo(g,h,i)perylene	29.983	276	387756	7.159	ng		97

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

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