Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
Data File : BP025666.D
Acq On : 04 Sep 2025 18:56
Operator : CG/JU
Sample : Q2893-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

Quant Time: Sep 05 01:11:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.766	152	132519	20.000	ng		-0.03
21) Naphthalene-d8	10.537	136	539432	20.000	ng		-0.02
39) Acenaphthene-d10	14.395	164	370326	20.000	ng		-0.01
64) Phenanthrene-d10	17.201	188	774662	20.000	ng		0.00
76) Chrysene-d12	21.642	240	883854	20.000	ng		0.00
86) Perylene-d12	25.024	264	994868	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	913334	114.457	ng		-0.02
7) Phenol-d6	6.955	99	1175914	114.940	ng		-0.01
23) Nitrobenzene-d5	8.907	82	823357	77.211	ng		-0.03
42) 2,4,6-Tribromophenol	15.913	330	629612	126.311	ng		0.00
45) 2-Fluorobiphenyl	13.001	172	1972890	72.809	ng		-0.02
79) Terphenyl-d14	19.919	244	3683406	76.246	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	23457	7.505	ng		93
3) Pyridine	3.720	79	58602	6.850	ng		94
4) n-Nitrosodimethylamine	3.620	42	28908	8.196	ng	#	88
6) Aniline	7.102	93	95503	6.928	ng		98
8) 2-Chlorophenol	7.343	128	66808	7.419	ng		94
9) Benzaldehyde	6.919	77	55351	7.722	ng		93
10) Phenol	6.978	94	77789	7.246	ng		89
11) bis(2-Chloroethyl)ether	7.190	93	60647	7.248	ng		98
12) 1,3-Dichlorobenzene	7.660	146	72833	7.335	ng		98
13) 1,4-Dichlorobenzene	7.802	146	72881	7.181	ng		98
14) 1,2-Dichlorobenzene	8.113	146	71124	7.240	ng		98
15) Benzyl Alcohol	8.008	79	57109	7.025	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.290	45	87955	7.847	ng		97
17) 2-Methylphenol	8.208	107	50582	6.784	ng	#	93
18) Hexachloroethane	8.831	117	27881	7.472	ng		93
19) n-Nitroso-di-n-propyla...	8.555	70	50241	7.414	ng		97
20) 3+4-Methylphenols	8.543	107	65460	6.334	ng		96
22) Acetophenone	8.578	105	101274	7.486	ng	#	95
24) Nitrobenzene	8.955	77	73605	7.723	ng		99
25) Isophorone	9.472	82	140417	7.440	ng		96
26) 2-Nitrophenol	9.660	139	31102	6.359	ng		92
27) 2,4-Dimethylphenol	9.731	122	55156	6.557	ng		93
28) bis(2-Chloroethoxy)met...	9.949	93	80405	7.048	ng		96
29) 2,4-Dichlorophenol	10.219	162	53407	6.392	ng		96
30) 1,2,4-Trichlorobenzene	10.396	180	65314	7.131	ng		97
31) Naphthalene	10.590	128	205774	7.339	ng		99
32) Benzoic acid	9.843	122	28859m	4.647	ng		
33) 4-Chloroaniline	10.701	127	76612	6.186	ng		99
34) Hexachlorobutadiene	10.872	225	43792	7.677	ng		94
35) Caprolactam	11.484	113	19887	6.491	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	67718	7.063	ng		94
37) 2-Methylnaphthalene	12.196	142	132956	7.287	ng		98
38) 1-Methylnaphthalene	12.419	142	139282	7.178	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	74776	6.991	ng		97
41) Hexachlorocyclopentadiene	12.548	237	25486	3.945	ng		99
43) 2,4,6-Trichlorophenol	12.825	196	49017	6.789	ng		98

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44) 2,4,5-Trichlorophenol	12.901	196	51649	6.527	ng		96
46) 1,1'-Biphenyl	13.213	154	196074	7.290	ng		99
47) 2-Chloronaphthalene	13.254	162	148502	7.093	ng		99
48) 2-Nitroaniline	13.472	65	42716	7.002	ng		91
49) Acenaphthylene	14.113	152	249158	7.192	ng		98
50) Dimethylphthalate	13.837	163	206754	7.624	ng		99
51) 2,6-Dinitrotoluene	13.960	165	40101	7.016	ng	#	85
52) Acenaphthene	14.460	154	143341	7.048	ng		97
53) 3-Nitroaniline	14.307	138	39018	6.067	ng	#	84
54) 2,4-Dinitrophenol	14.531	184	15497	5.077	ng		96
55) Dibenzofuran	14.807	168	238452	7.416	ng		99
56) 4-Nitrophenol	14.678	139	19155m	3.625	ng		
57) 2,4-Dinitrotoluene	14.766	165	57517	7.053	ng		90
58) Fluorene	15.460	166	193930	7.644	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.037	232	51604	7.385	ng		98
60) Diethylphthalate	15.225	149	212602	7.715	ng		99
61) 4-Chlorophenyl-phenyle...	15.454	204	97114	7.697	ng		96
62) 4-Nitroaniline	15.495	138	40076	6.079	ng		85
63) Azobenzene	15.748	77	183701	7.786	ng		96
65) 4,6-Dinitro-2-methylph...	15.554	198	28083	5.816	ng		85
66) n-Nitrosodiphenylamine	15.672	169	169503	7.175	ng		97
67) 4-Bromophenyl-phenylether	16.366	248	62298	7.312	ng		93
68) Hexachlorobenzene	16.489	284	74210	7.514	ng		97
69) Atrazine	16.648	200	64161	7.253	ng		97
70) Pentachlorophenol	16.854	266	36500	5.855	ng		94
71) Phenanthrene	17.236	178	318422	7.483	ng		99
72) Anthracene	17.336	178	313897	7.223	ng		99
73) Carbazole	17.625	167	286951	7.010	ng		99
74) Di-n-butylphthalate	18.207	149	372537	7.397	ng		100
75) Fluoranthene	19.325	202	375604	7.400	ng		99
77) Benzidine	19.519	184	195249	6.473	ng		98
78) Pyrene	19.707	202	400557	6.973	ng		98
80) Butylbenzylphthalate	20.648	149	180718	6.941	ng		99
81) Benzo(a)anthracene	21.624	228	424895	7.289	ng		99
82) 3,3'-Dichlorobenzidine	21.542	252	149960	6.825	ng		98
83) Chrysene	21.689	228	399897	7.326	ng		98
84) Bis(2-ethylhexyl)phtha...	21.554	149	272537	7.111	ng		100
85) Di-n-octyl phthalate	22.836	149	472265	7.164	ng		98
87) Indeno(1,2,3-cd)pyrene	28.853	276	504220	6.911	ng	#	84
88) Benzo(b)fluoranthene	23.942	252	417641	7.119	ng		99
89) Benzo(k)fluoranthene	24.024	252	417613	7.114	ng		98
90) Benzo(a)pyrene	24.860	252	396795	6.948	ng		98
91) Dibenzo(a,h)anthracene	28.948	278	410671	6.888	ng		97
92) Benzo(g,h,i)perylene	30.030	276	408034	6.962	ng		98

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

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