Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
Data File : BP025665.D
Acq On : 04 Sep 2025 18:15
Operator : CG/JU
Sample : Q2893-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 12 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 01:10:35 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	131536	20.000	ng		-0.03
21) Naphthalene-d8	10.543	136	539250	20.000	ng		-0.02
39) Acenaphthene-d10	14.384	164	357614	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	733023	20.000	ng		-0.01
76) Chrysene-d12	21.648	240	827215	20.000	ng		0.00
86) Perylene-d12	25.030	264	924965	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	925012	116.787	ng		-0.02
7) Phenol-d6	6.955	99	1195627	117.740	ng		-0.01
23) Nitrobenzene-d5	8.913	82	843164	79.095	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	590615	122.699	ng		-0.01
45) 2-Fluorobiphenyl	12.996	172	1926121	73.610	ng		-0.02
79) Terphenyl-d14	19.913	244	3384712	74.861	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	11953	3.853	ng	#	88
3) Pyridine	3.720	79	30212	3.558	ng	#	94
4) n-Nitrosodimethylamine	3.626	42	15130	4.322	ng	#	83
6) Aniline	7.102	93	48794	3.566	ng		95
8) 2-Chlorophenol	7.343	128	33320	3.728	ng		88
9) Benzaldehyde	6.919	77	30265	4.254	ng		88
10) Phenol	6.978	94	40041	3.758	ng		78
11) bis(2-Chloroethyl)ether	7.196	93	31147	3.750	ng		95
12) 1,3-Dichlorobenzene	7.661	146	36874m	3.741	ng		
13) 1,4-Dichlorobenzene	7.802	146	37542	3.727	ng		95
14) 1,2-Dichlorobenzene	8.114	146	37033	3.798	ng		96
15) Benzyl Alcohol	8.014	79	27445	3.401	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.284	45	43521	3.912	ng		97
17) 2-Methylphenol	8.219	107	25614	3.461	ng		99
18) Hexachloroethane	8.837	117	13851	3.740	ng		95
19) n-Nitroso-di-n-propyla...	8.561	70	23571	3.504	ng		98
20) 3+4-Methylphenols	8.549	107	30075	2.932	ng		97
22) Acetophenone	8.584	105	51545	3.812	ng	#	91
24) Nitrobenzene	8.955	77	36180	3.798	ng		90
25) Isophorone	9.484	82	67074	3.555	ng		96
26) 2-Nitrophenol	9.660	139	14799	3.027	ng	#	87
27) 2,4-Dimethylphenol	9.743	122	26107	3.105	ng		92
28) bis(2-Chloroethoxy)met...	9.955	93	38684	3.392	ng		95
29) 2,4-Dichlorophenol	10.225	162	23858	2.856	ng		96
30) 1,2,4-Trichlorobenzene	10.402	180	32633	3.564	ng		92
31) Naphthalene	10.590	128	103485	3.692	ng		99
32) Benzoic acid	9.878	122	12115m	1.952	ng		
33) 4-Chloroaniline	10.713	127	37182	3.003	ng		99
34) Hexachlorobutadiene	10.872	225	22152	3.885	ng		98
35) Caprolactam	11.496	113	9404	3.070	ng		94
36) 4-Chloro-3-methylphenol	11.849	107	31542	3.291	ng		93
37) 2-Methylnaphthalene	12.202	142	62377m	3.420	ng		
38) 1-Methylnaphthalene	12.419	142	70226	3.620	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	37400	3.621	ng		99
41) Hexachlorocyclopentadiene	12.549	237	8460	1.356	ng		88
43) 2,4,6-Trichlorophenol	12.825	196	21752	3.120	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	19995	2.616	ng		96
46) 1,1'-Biphenyl	13.213	154	95585	3.680	ng		99
47) 2-Chloronaphthalene	13.254	162	73365	3.629	ng		100
48) 2-Nitroaniline	13.466	65	19219	3.262	ng		89
49) Acenaphthylene	14.101	152	120954	3.615	ng		98
50) Dimethylphthalate	13.843	163	97666	3.729	ng		99
51) 2,6-Dinitrotoluene	13.954	165	19034	3.448	ng		88
52) Acenaphthene	14.448	154	71567	3.644	ng		97
53) 3-Nitroaniline	14.307	138	15716	2.531	ng		92
54) 2,4-Dinitrophenol	14.537	184	5446	1.848	ng	#	90
55) Dibenzofuran	14.790	168	116210	3.743	ng		100
56) 4-Nitrophenol	14.725	139	4799m	0.940	ng		
57) 2,4-Dinitrotoluene	14.760	165	24188	3.071	ng	#	75
58) Fluorene	15.454	166	93056	3.798	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	23922m	3.545	ng		
60) Diethylphthalate	15.219	149	99288	3.731	ng		99
61) 4-Chlorophenyl-phenyle...	15.443	204	45483	3.733	ng		97
62) 4-Nitroaniline	15.501	138	8816	1.385	ng		96
63) Azobenzene	15.743	77	84618	3.714	ng		95
65) 4,6-Dinitro-2-methylph...	15.548	198	10830	2.370	ng		79
66) n-Nitrosodiphenylamine	15.666	169	78373	3.506	ng		97
67) 4-Bromophenyl-phenylether	16.360	248	28732	3.564	ng		95
68) Hexachlorobenzene	16.484	284	34691	3.712	ng		100
69) Atrazine	16.642	200	28019	3.347	ng		98
70) Pentachlorophenol	16.854	266	16457	2.790	ng		89
71) Phenanthrene	17.237	178	151782	3.769	ng		98
72) Anthracene	17.331	178	145891	3.548	ng		99
73) Carbazole	17.619	167	128953	3.329	ng		99
74) Di-n-butylphthalate	18.213	149	160278	3.363	ng		99
75) Fluoranthene	19.331	202	179204	3.731	ng		99
77) Benzidine	19.531	184	79765	2.825	ng		98
78) Pyrene	19.707	202	185915	3.458	ng		99
80) Butylbenzylphthalate	20.648	149	76544	3.141	ng		99
81) Benzo(a)anthracene	21.630	228	198098	3.631	ng		97
82) 3,3'-Dichlorobenzidine	21.560	252	64573	3.140	ng		98
83) Chrysene	21.695	228	190442	3.728	ng		99
84) Bis(2-ethylhexyl)phtha...	21.566	149	112677	3.141	ng		97
85) Di-n-octyl phthalate	22.848	149	191750	3.108	ng		96
87) Indeno(1,2,3-cd)pyrene	28.871	276	235089	3.466	ng	#	82
88) Benzo(b)fluoranthene	23.966	252	195687	3.588	ng		100
89) Benzo(k)fluoranthene	24.036	252	197540	3.619	ng		98
90) Benzo(a)pyrene	24.889	252	185969	3.503	ng		99
91) Dibenzo(a,h)anthracene	28.965	278	190264	3.432	ng		96
92) Benzo(g,h,i)perylene	30.071	276	187280	3.437	ng		98

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

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