Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025836.D
Acq On : 23 Sep 2025 19:22
Operator : CG/JU
Sample : Q3153-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

Quant Time: Sep 24 00:25:50 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152	217289	20.000	ng		-0.01
21) Naphthalene-d8	10.519	136	953089	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	680180	20.000	ng		0.00
64) Phenanthrene-d10	17.178	188	1328394	20.000	ng		0.00
76) Chrysene-d12	21.630	240	1034217	20.000	ng		-0.01
86) Perylene-d12	24.983	264	1170740	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1531231	113.706	ng		0.00
7) Phenol-d6	6.955	99	2068358	115.554	ng		0.00
23) Nitrobenzene-d5	8.896	82	1290830	59.742	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	873331	102.940	ng		-0.01
45) 2-Fluorobiphenyl	12.978	172	2540663	49.735	ng		-0.01
79) Terphenyl-d14	19.901	244	3425629	59.588	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	193313	34.203	ng		98
3) Pyridine	3.696	79	565406	36.330	ng		97
4) n-Nitrosodimethylamine	3.602	42	307620	41.889	ng		96
6) Aniline	7.090	93	782642	31.852	ng		100
8) 2-Chlorophenol	7.331	128	763462	51.679	ng		100
9) Benzaldehyde	6.902	77	441734	41.174	ng		98
10) Phenol	6.978	94	980277	51.938	ng		98
11) bis(2-Chloroethyl)ether	7.178	93	700414	46.190	ng		97
12) 1,3-Dichlorobenzene	7.643	146	762912	45.374	ng		98
13) 1,4-Dichlorobenzene	7.784	146	781033	45.602	ng		99
14) 1,2-Dichlorobenzene	8.096	146	763926	45.913	ng		99
15) Benzyl Alcohol	7.996	79	720051	48.682	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.266	45	1139680	45.958	ng		98
17) 2-Methylphenol	8.208	107	660395	51.898	ng		98
18) Hexachloroethane	8.813	117	317661	48.557	ng		98
19) n-Nitroso-di-n-propyla...	8.549	70	592827	47.485	ng		98
20) 3+4-Methylphenols	8.531	107	897449	50.359	ng		98
22) Acetophenone	8.561	105	1285073	50.454	ng	#	99
24) Nitrobenzene	8.943	77	876654	45.227	ng		99
25) Isophorone	9.460	82	1709367	45.010	ng		99
26) 2-Nitrophenol	9.643	139	434310	50.467	ng		95
27) 2,4-Dimethylphenol	9.719	122	747285	49.497	ng		98
28) bis(2-Chloroethoxy)met...	9.931	93	1022801	46.591	ng		98
29) 2,4-Dichlorophenol	10.196	162	783843	52.072	ng		99
30) 1,2,4-Trichlorobenzene	10.384	180	773723	45.607	ng		99
31) Naphthalene	10.572	128	2335848	45.452	ng		99
32) Benzoic acid	9.925	122	662628	59.033	ng		99
33) 4-Chloroaniline	10.684	127	437777	20.438	ng		100
34) Hexachlorobutadiene	10.849	225	493457	45.184	ng		99
35) Caprolactam	11.496	113	283114	48.790	ng		97
36) 4-Chloro-3-methylphenol	11.831	107	898040	50.039	ng		97
37) 2-Methylnaphthalene	12.178	142	1573442	47.669	ng		99
38) 1-Methylnaphthalene	12.402	142	1642442	46.662	ng		99
40) 1,2,4,5-Tetrachloroben...	12.549	216	1049634	50.925	ng		99
41) Hexachlorocyclopentadiene	12.525	237	700371	62.390	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	675638	49.863	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	744929	49.399	ng		97
46) 1,1'-Biphenyl	13.196	154	2502608	50.127	ng		100
47) 2-Chloronaphthalene	13.237	162	1830796	46.572	ng		99
48) 2-Nitroaniline	13.460	65	633517	48.344	ng		95
49) Acenaphthylene	14.101	152	3070378	47.139	ng		100
50) Dimethylphthalate	13.831	163	2353902	45.329	ng		100
51) 2,6-Dinitrotoluene	13.948	165	526872	47.889	ng		97
52) Acenaphthene	14.443	154	1701595	45.300	ng		99
53) 3-Nitroaniline	14.284	138	379482	32.800	ng		100
54) 2,4-Dinitrophenol	14.507	184	505801	71.269	ng		98
55) Dibenzofuran	14.784	168	2764922	45.164	ng		100
56) 4-Nitrophenol	14.648	139	810918	81.313	ng		97
57) 2,4-Dinitrotoluene	14.754	165	761214	48.616	ng		95
58) Fluorene	15.443	166	2203790	45.270	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	654182	48.157	ng		98
60) Diethylphthalate	15.213	149	2470212	46.895	ng		99
61) 4-Chlorophenyl-phenyle...	15.431	204	1137004	46.344	ng		99
62) 4-Nitroaniline	15.478	138	539050	45.479	ng		98
63) Azobenzene	15.731	77	2639220	51.818	ng		99
65) 4,6-Dinitro-2-methylph...	15.537	198	367242	41.570	ng		97
66) n-Nitrosodiphenylamine	15.654	169	2015521	49.580	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	749563	51.363	ng		98
68) Hexachlorobenzene	16.478	284	805838	49.516	ng		94
69) Atrazine	16.637	200	765489	49.262	ng		99
70) Pentachlorophenol	16.831	266	958569	89.244	ng		99
71) Phenanthrene	17.225	178	3381879	44.880	ng		100
72) Anthracene	17.319	178	3509419	45.901	ng		100
73) Carbazole	17.601	167	3104556	43.676	ng		100
74) Di-n-butylphthalate	18.178	149	4348685	49.853	ng		100
75) Fluoranthene	19.313	202	3610257	39.948	ng		99
77) Benzidine	19.507	184	1934401	64.932	ng		100
78) Pyrene	19.689	202	3582986	51.921	ng		99
80) Butylbenzylphthalate	20.630	149	1718336	56.790	ng		99
81) Benzo(a)anthracene	21.613	228	3331030	47.046	ng		100
82) 3,3'-Dichlorobenzidine	21.525	252	1065724	43.531	ng		99
83) Chrysene	21.677	228	3150883	46.684	ng		100
84) Bis(2-ethylhexyl)phtha...	21.536	149	2446096	55.257	ng		100
85) Di-n-octyl phthalate	22.807	149	4183044	53.122	ng		99
87) Indeno(1,2,3-cd)pyrene	28.836	276	4079428	47.915	ng	#	77
88) Benzo(b)fluoranthene	23.936	252	3326956	46.470	ng		99
89) Benzo(k)fluoranthene	24.007	252	3429343	46.941	ng		99
90) Benzo(a)pyrene	24.842	252	3246023	46.298	ng		99
91) Dibenzo(a,h)anthracene	28.901	278	3357344	48.188	ng		99
92) Benzo(g,h,i)perylene	30.018	276	3268828	47.708	ng		99

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

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