Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
Data File : BP025844.D
Acq On : 24 Sep 2025 14:00
Operator : CG/JU
Sample : Q3159-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-245MS

Quant Time: Sep 24 14:21:43 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	7.743	152	151928	20.000	ng		-0.02
21) Naphthalene-d8	10.519	136	639079	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	441775	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	1002855	20.000	ng		-0.01
76) Chrysene-d12	21.618	240	942191	20.000	ng		-0.02
86) Perylene-d12	24.971	264	1055108	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	764381	81.181	ng		0.00
7) Phenol-d6	6.949	99	1060533	84.739	ng		0.00
23) Nitrobenzene-d5	8.890	82	651131	44.943	ng		-0.01
42) 2,4,6-Tribromophenol	15.889	330	465463	84.472	ng		-0.02
45) 2-Fluorobiphenyl	12.978	172	1471111	44.339	ng		-0.01
79) Terphenyl-d14	19.901	244	2667481	50.932	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.296	88	141179	35.725	ng		97
3) Pyridine	3.696	79	395094	36.308	ng		94
4) n-Nitrosodimethylamine	3.602	42	201187	39.182	ng		93
6) Aniline	7.084	93	422628	24.600	ng		99
8) 2-Chlorophenol	7.331	128	500714	48.474	ng		97
9) Benzaldehyde	6.902	77	285657	38.081	ng		98
10) Phenol	6.972	94	642553	48.691	ng		97
11) bis(2-Chloroethyl)ether	7.172	93	477542	45.041	ng		98
12) 1,3-Dichlorobenzene	7.637	146	515173	43.821	ng		97
13) 1,4-Dichlorobenzene	7.784	146	534237	44.612	ng		99
14) 1,2-Dichlorobenzene	8.096	146	520146	44.710	ng		99
15) Benzyl Alcohol	7.990	79	478207	46.241	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.260	45	732133	42.225	ng		99
17) 2-Methylphenol	8.201	107	442445	49.728	ng		99
18) Hexachloroethane	8.813	117	203617	44.515	ng		98
19) n-Nitroso-di-n-propyla...	8.543	70	391748	44.878	ng		96
20) 3+4-Methylphenols	8.525	107	602797	48.377	ng		96
22) Acetophenone	8.560	105	848671	49.692	ng	#	98
24) Nitrobenzene	8.931	77	583728	44.912	ng		98
25) Isophorone	9.460	82	1153496	45.297	ng		100
26) 2-Nitrophenol	9.637	139	297411	51.540	ng		93
27) 2,4-Dimethylphenol	9.707	122	510680	50.445	ng		99
28) bis(2-Chloroethoxy)met...	9.925	93	692169	47.022	ng		100
29) 2,4-Dichlorophenol	10.190	162	497495	49.288	ng		100
30) 1,2,4-Trichlorobenzene	10.378	180	500867	44.030	ng		99
31) Naphthalene	10.566	128	1524229	44.232	ng		99
32) Benzoic acid	9.901	122	465919	61.903	ng		96
33) 4-Chloroaniline	10.684	127	271521	18.904	ng		99
34) Hexachlorobutadiene	10.848	225	323330	44.153	ng		100
35) Caprolactam	11.490	113	183538	47.171	ng		98
36) 4-Chloro-3-methylphenol	11.825	107	594335	49.389	ng		98
37) 2-Methylnaphthalene	12.178	142	1020793	46.121	ng		99
38) 1-Methylnaphthalene	12.395	142	1055779	44.733	ng		100
40) 1,2,4,5-Tetrachloroben...	12.548	216	678344	50.672	ng		99
41) Hexachlorocyclopentadiene	12.525	237	481878	66.092	ng		97
43) 2,4,6-Trichlorophenol	12.790	196	432055	49.094	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	482175	49.230	ng		97
46) 1,1'-Biphenyl	13.189	154	1640850	50.602	ng		99
47) 2-Chloronaphthalene	13.231	162	1167809	45.738	ng		99
48) 2-Nitroaniline	13.442	65	402542	47.296	ng		94
49) Acenaphthylene	14.084	152	1978055	46.757	ng		99
50) Dimethylphthalate	13.819	163	1537901	45.597	ng		99
51) 2,6-Dinitrotoluene	13.942	165	341734	47.823	ng		97
52) Acenaphthene	14.431	154	1100959	45.127	ng		99
53) 3-Nitroaniline	14.284	138	212802	28.319	ng		98
54) 2,4-Dinitrophenol	14.501	184	410654	87.882	ng		99
55) Dibenzofuran	14.772	168	1798016	45.219	ng		99
56) 4-Nitrophenol	14.648	139	531999	82.087	ng		94
57) 2,4-Dinitrotoluene	14.748	165	504401	49.599	ng		92
58) Fluorene	15.436	166	1462735	46.263	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	437636	49.602	ng		96
60) Diethylphthalate	15.201	149	1594031	46.592	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	724642	45.476	ng		96
62) 4-Nitroaniline	15.466	138	372135	48.340	ng		98
63) Azobenzene	15.731	77	1617762	48.904	ng		98
65) 4,6-Dinitro-2-methylph...	15.531	198	290415	43.545	ng		90
66) n-Nitrosodiphenylamine	15.648	169	1314790	42.841	ng		100
67) 4-Bromophenyl-phenylether	16.336	248	497390	45.147	ng		100
68) Hexachlorobenzene	16.466	284	581118	47.299	ng		93
69) Atrazine	16.625	200	557150	47.493	ng		97
70) Pentachlorophenol	16.830	266	746615	92.075	ng		98
71) Phenanthrene	17.219	178	2605814	45.806	ng		99
72) Anthracene	17.313	178	2557074	44.301	ng		100
73) Carbazole	17.595	167	2400548	44.734	ng		99
74) Di-n-butylphthalate	18.177	149	3064238	46.531	ng		99
75) Fluoranthene	19.295	202	3223140	47.242	ng		99
77) Benzidine	19.507	184	1528955	56.336	ng		100
78) Pyrene	19.671	202	3356228	53.385	ng		99
80) Butylbenzylphthalate	20.630	149	1402136	50.866	ng		98
81) Benzo(a)anthracene	21.601	228	3066748	47.544	ng		100
82) 3,3'-Dichlorobenzidine	21.518	252	773201	34.667	ng		99
83) Chrysene	21.666	228	2906022	47.261	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2028856	50.308	ng		99
85) Di-n-octyl phthalate	22.807	149	3528178	49.182	ng		99
87) Indeno(1,2,3-cd)pyrene	28.824	276	3605517	46.990	ng	#	83
88) Benzo(b)fluoranthene	23.924	252	3111201	48.219	ng		100
89) Benzo(k)fluoranthene	23.989	252	2954940	44.880	ng		99
90) Benzo(a)pyrene	24.824	252	2941013	46.545	ng		100
91) Dibenzo(a,h)anthracene	28.889	278	2922221	46.540	ng		99
92) Benzo(g,h,i)perylene	30.012	276	2931193	47.469	ng		99

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

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