Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092625\
Data File : BP025873.D
Acq On : 26 Sep 2025 17:17
Operator : CG/JU
Sample : Q3200-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-367MS

Quant Time: Sep 26 17:38:14 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	165786	20.000	ng		-0.02
21) Naphthalene-d8	10.513	136	635578	20.000	ng		-0.01
39) Acenaphthene-d10	14.372	164	422583	20.000	ng		0.00
64) Phenanthrene-d10	17.178	188	861995	20.000	ng		0.00
76) Chrysene-d12	21.624	240	893117	20.000	ng		-0.02
86) Perylene-d12	24.989	264	976542	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	823229	80.123	ng		0.00
7) Phenol-d6	6.949	99	1054388	77.206	ng		0.00
23) Nitrobenzene-d5	8.890	82	632060	43.867	ng		-0.01
42) 2,4,6-Tribromophenol	15.889	330	502858	95.403	ng		-0.02
45) 2-Fluorobiphenyl	12.978	172	1390951	43.827	ng		-0.01
79) Terphenyl-d14	19.907	244	2480039	49.955	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	154134	35.743	ng		96
3) Pyridine	3.702	79	429785	36.195	ng		91
4) n-Nitrosodimethylamine	3.608	42	193424	34.521	ng		81
6) Aniline	7.084	93	423116	22.569	ng		98
8) 2-Chlorophenol	7.325	128	492461	43.690	ng		95
9) Benzaldehyde	6.902	77	273818	33.451	ng		98
10) Phenol	6.978	94	600592	41.707	ng		96
11) bis(2-Chloroethyl)ether	7.172	93	456537	39.460	ng		95
12) 1,3-Dichlorobenzene	7.637	146	533118	41.557	ng		99
13) 1,4-Dichlorobenzene	7.778	146	550297	42.112	ng		98
14) 1,2-Dichlorobenzene	8.096	146	524688	41.331	ng		99
15) Benzyl Alcohol	7.990	79	443152	39.269	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.255	45	629098	33.250	ng		96
17) 2-Methylphenol	8.202	107	405539	41.770	ng		97
18) Hexachloroethane	8.807	117	205072	41.085	ng		97
19) n-Nitroso-di-n-propyla...	8.543	70	351378	36.889	ng		92
20) 3+4-Methylphenols	8.525	107	539237	39.659	ng		98
22) Acetophenone	8.560	105	793854	46.738	ng	#	97
24) Nitrobenzene	8.931	77	519687	40.205	ng		95
25) Isophorone	9.455	82	993389	39.225	ng		98
26) 2-Nitrophenol	9.637	139	268082	46.713	ng		89
27) 2,4-Dimethylphenol	9.707	122	449726	44.669	ng		99
28) bis(2-Chloroethoxy)met...	9.925	93	607415	41.492	ng		100
29) 2,4-Dichlorophenol	10.190	162	462228	46.046	ng		97
30) 1,2,4-Trichlorobenzene	10.378	180	502622	44.428	ng		97
31) Naphthalene	10.560	128	1439986	42.018	ng		99
32) Benzoic acid	9.890	122	368204	49.190	ng		92
33) 4-Chloroaniline	10.684	127	246307	17.243	ng		98
34) Hexachlorobutadiene	10.843	225	342367	47.010	ng		99
35) Caprolactam	11.490	113	165608	42.797	ng	#	84
36) 4-Chloro-3-methylphenol	11.825	107	515856	43.103	ng		98
37) 2-Methylnaphthalene	12.178	142	929742	42.239	ng		99
38) 1-Methylnaphthalene	12.390	142	956893	40.766	ng		99
40) 1,2,4,5-Tetrachloroben...	12.548	216	657664	51.358	ng		99
41) Hexachlorocyclopentadiene	12.525	237	599861	86.010	ng		99
43) 2,4,6-Trichlorophenol	12.796	196	396611	47.113	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	433723	46.294	ng		94
46) 1,1'-Biphenyl	13.190	154	1471489	47.440	ng		99
47) 2-Chloronaphthalene	13.237	162	1045158	42.793	ng		99
48) 2-Nitroaniline	13.443	65	323468	39.731	ng		94
49) Acenaphthylene	14.090	152	1717166	42.434	ng		100
50) Dimethylphthalate	13.819	163	1355742	42.022	ng		100
51) 2,6-Dinitrotoluene	13.943	165	303376	44.383	ng		91
52) Acenaphthene	14.437	154	957701	41.038	ng		98
53) 3-Nitroaniline	14.284	138	181479	25.248	ng		99
54) 2,4-Dinitrophenol	14.507	184	295776	67.364	ng		94
55) Dibenzofuran	14.778	168	1597872	42.011	ng		98
56) 4-Nitrophenol	14.654	139	415099	67.785	ng		94
57) 2,4-Dinitrotoluene	14.754	165	434102	44.625	ng		86
58) Fluorene	15.437	166	1302978	43.082	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	394973	46.799	ng		91
60) Diethylphthalate	15.201	149	1374467	41.999	ng		99
61) 4-Chlorophenyl-phenyle...	15.431	204	674424	44.246	ng		94
62) 4-Nitroaniline	15.472	138	311536	42.306	ng		95
63) Azobenzene	15.725	77	1352866	42.753	ng		96
65) 4,6-Dinitro-2-methylph...	15.537	198	257096	44.848	ng		85
66) n-Nitrosodiphenylamine	15.648	169	1168432	44.294	ng		99
67) 4-Bromophenyl-phenylether	16.342	248	450889	47.614	ng		98
68) Hexachlorobenzene	16.472	284	509599	48.256	ng	#	87
69) Atrazine	16.631	200	474725	47.080	ng		96
70) Pentachlorophenol	16.831	266	637082	91.406	ng		98
71) Phenanthrene	17.219	178	2044873	41.820	ng		99
72) Anthracene	17.313	178	2154401	43.424	ng		99
73) Carbazole	17.601	167	1961525	42.526	ng		99
74) Di-n-butylphthalate	18.183	149	2523931	44.590	ng		99
75) Fluoranthene	19.307	202	2563600	43.715	ng		99
77) Benzidine	19.507	184	1037356	40.322	ng		99
78) Pyrene	19.689	202	2601374	43.652	ng		99
80) Butylbenzylphthalate	20.630	149	1179045	45.123	ng		94
81) Benzo(a)anthracene	21.607	228	2624551	42.924	ng		99
82) 3,3'-Dichlorobenzidine	21.524	252	638019	30.178	ng		99
83) Chrysene	21.666	228	2488524	42.695	ng		100
84) Bis(2-ethylhexyl)phtha...	21.530	149	1722465	45.057	ng		99
85) Di-n-octyl phthalate	22.807	149	2963037	43.573	ng		96
87) Indeno(1,2,3-cd)pyrene	28.830	276	3181794	44.804	ng	#	81
88) Benzo(b)fluoranthene	23.936	252	2498175	41.833	ng		99
89) Benzo(k)fluoranthene	24.001	252	2633102	43.210	ng		98
90) Benzo(a)pyrene	24.836	252	2488395	42.550	ng		98
91) Dibenzo(a,h)anthracene	28.895	278	2621924	45.116	ng		98
92) Benzo(g,h,i)perylene	30.024	276	2551645	44.647	ng		98

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

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