Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
Data File : BF143825.D
Acq On : 29 Sep 2025 16:44
Operator : RC/JU
Sample : Q3230-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

Quant Time: Sep 29 17:05:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	130106	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	506656	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	272537	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	450489	20.000	ng		0.00
76) Chrysene-d12	14.057	240	392846	20.000	ng		0.00
86) Perylene-d12	15.533	264	560812	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	147916	18.471	ng		0.00
7) Phenol-d6	6.504	99	700358	75.692	ng		0.00
23) Nitrobenzene-d5	7.445	82	478360	57.793	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	44601	11.053	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	903541	51.735	ng		0.00
79) Terphenyl-d14	12.998	244	1209493	62.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	151467	39.517	ng		96
3) Pyridine	3.428	79	426499	41.222	ng		93
4) n-Nitrosodimethylamine	3.375	42	238209	45.916	ng		86
6) Aniline	6.545	93	588504	43.823	ng		99
8) 2-Chlorophenol	6.669	128	407796	49.743	ng		100
9) Benzaldehyde	6.434	77	247325	30.524	ng		99
10) Phenol	6.522	94	570910	53.084	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	408280	48.429	ng		99
12) 1,3-Dichlorobenzene	6.828	146	447998	47.066	ng		99
13) 1,4-Dichlorobenzene	6.904	146	456155	48.021	ng		100
14) 1,2-Dichlorobenzene	7.057	146	436761	48.547	ng		99
15) Benzyl Alcohol	7.022	79	376475	56.311	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	859348	42.987	ng		96
17) 2-Methylphenol	7.134	107	329705	51.947	ng		99
18) Hexachloroethane	7.398	117	155087	46.425	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	290523	48.827	ng		95
20) 3+4-Methylphenols	7.281	107	393494	50.910	ng		97
22) Acetophenone	7.292	105	572687	51.463	ng		97
24) Nitrobenzene	7.463	77	449544	48.999	ng		98
25) Isophorone	7.704	82	810355	50.241	ng		99
26) 2-Nitrophenol	7.781	139	205069	54.080	ng		96
27) 2,4-Dimethylphenol	7.816	122	389731	54.060	ng		100
28) bis(2-Chloroethoxy)met...	7.916	93	491252	46.879	ng		99
29) 2,4-Dichlorophenol	8.022	162	353518	49.836	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	361566	49.115	ng		99
31) Naphthalene	8.192	128	1125484	46.403	ng		100
32) Benzoic acid	7.916	122	265016	76.191	ng		95
33) 4-Chloroaniline	8.234	127	336584	39.489	ng		99
34) Hexachlorobutadiene	8.310	225	252441	46.000	ng		98
35) Caprolactam	8.604	113	118210	65.196	ng	#	85
36) 4-Chloro-3-methylphenol	8.710	107	358214	53.843	ng		98
37) 2-Methylnaphthalene	8.881	142	688975	44.549	ng		99
38) 1-Methylnaphthalene	8.981	142	707537	47.796	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	411531	50.036	ng		99
41) Hexachlorocyclopentadiene	9.034	237	600939	115.287	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	270022	52.431	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	275653	51.172	ng		99
46)	1,1'-Biphenyl	9.345	154	992413	50.304	ng		100
47)	2-Chloronaphthalene	9.369	162	728457	45.872	ng		99
48)	2-Nitroaniline	9.463	65	290447	60.515	ng		98
49)	Acenaphthylene	9.786	152	1185730	54.238	ng		99
50)	Dimethylphthalate	9.645	163	851089	51.236	ng		100
51)	2,6-Dinitrotoluene	9.704	165	180480	66.129	ng		99
52)	Acenaphthene	9.957	154	722321	50.209	ng		99
53)	3-Nitroaniline	9.875	138	155024	46.861	ng		97
54)	2,4-Dinitrophenol	9.980	184	135553	100.192	ng	#	20
55)	Dibenzofuran	10.133	168	994418	48.882	ng		99
56)	4-Nitrophenol	10.028	139	292618	109.767	ng		95
57)	2,4-Dinitrotoluene	10.110	165	238709	58.262	ng		97
58)	Fluorene	10.475	166	760943	50.315	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	276540	59.925	ng		98
60)	Diethylphthalate	10.345	149	817921	52.601	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	385579	50.036	ng		96
62)	4-Nitroaniline	10.486	138	186960	60.106	ng		98
63)	Azobenzene	10.628	77	885020	54.005	ng		94
65)	4,6-Dinitro-2-methylph...	10.516	198	102433	58.424	ng		85
66)	n-Nitrosodiphenylamine	10.586	169	732480	49.441	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	393589	51.268	ng		98
68)	Hexachlorobenzene	11.022	284	538402	50.890	ng		99
69)	Atrazine	11.110	200	232920	54.291	ng		97
70)	Pentachlorophenol	11.216	266	562958	106.897	ng		99
71)	Phenanthrene	11.439	178	1178387	50.951	ng		100
72)	Anthracene	11.492	178	1169171	50.397	ng		99
73)	Carbazole	11.645	167	999286	49.266	ng		99
74)	Di-n-butylphthalate	11.975	149	1180532	50.606	ng		99
75)	Fluoranthene	12.627	202	1174934	50.510	ng		99
77)	Benzidine	12.745	184	499719	52.202	ng		100
78)	Pyrene	12.857	202	1161743	60.150	ng		100
80)	Butylbenzylphthalate	13.474	149	382648	57.265	ng		99
81)	Benzo(a)anthracene	14.045	228	1083717	51.350	ng		99
82)	3,3'-Dichlorobenzidine	14.010	252	360730	39.455	ng		99
83)	Chrysene	14.080	228	1019454	53.384	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	478905	48.895	ng		99
85)	Di-n-octyl phthalate	14.651	149	781615	43.994	ng		96
87)	Indeno(1,2,3-cd)pyrene	17.033	276	2084542	48.989	ng		99
88)	Benzo(b)fluoranthene	15.104	252	1546844	54.163	ng		100
89)	Benzo(k)fluoranthene	15.133	252	1414086	49.284	ng		100
90)	Benzo(a)pyrene	15.474	252	1456549	54.257	ng		100
91)	Dibenzo(a,h)anthracene	17.051	278	1688279	48.510	ng		100
92)	Benzo(g,h,i)perylene	17.486	276	1671185	49.813	ng		99

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

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