Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
Data File : BF143843.D
Acq On : 30 Sep 2025 20:03
Operator : RC/JU
Sample : Q3231-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Quant Time: Oct 01 02:35:25 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	129128	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	500064	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	262323	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	428464	20.000	ng		0.00
76) Chrysene-d12	14.057	240	349721	20.000	ng		0.00
86) Perylene-d12	15.533	264	541802	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1127666	141.884	ng		0.02
7) Phenol-d6	6.510	99	1333609	145.223	ng		0.00
23) Nitrobenzene-d5	7.451	82	870578	106.565	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	606667	156.192	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1730105	102.920	ng		0.00
79) Terphenyl-d14	12.998	244	2276373	132.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	159831	42.015	ng	#	82
3) Pyridine	3.540	79	415691	40.482	ng		89
4) n-Nitrosodimethylamine	3.481	42	223182	43.345	ng	#	78
6) Aniline	6.551	93	387774	29.094	ng		99
8) 2-Chlorophenol	6.669	128	421774	51.837	ng		99
9) Benzaldehyde	6.440	77	138220	17.188	ng		96
10) Phenol	6.528	94	531677	49.810	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	419573	50.145	ng		98
12) 1,3-Dichlorobenzene	6.828	146	432297	45.761	ng		99
13) 1,4-Dichlorobenzene	6.904	146	435318	46.174	ng		99
14) 1,2-Dichlorobenzene	7.057	146	423001	47.374	ng		99
15) Benzyl Alcohol	7.028	79	385430	58.087	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	823543	41.508	ng		95
17) 2-Methylphenol	7.134	107	351954	55.873	ng		98
18) Hexachloroethane	7.398	117	146338	44.137	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	308003	52.157	ng		90
20) 3+4-Methylphenols	7.287	107	410787	53.549	ng	#	86
22) Acetophenone	7.292	105	597792	54.428	ng		98
24) Nitrobenzene	7.469	77	453010	50.028	ng		96
25) Isophorone	7.704	82	847459	53.234	ng		99
26) 2-Nitrophenol	7.781	139	219516	58.423	ng		95
27) 2,4-Dimethylphenol	7.816	122	410071	57.631	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	523092	50.575	ng		99
29) 2,4-Dichlorophenol	8.022	162	377990	53.988	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	380292	52.339	ng		99
31) Naphthalene	8.192	128	1154552	48.229	ng		100
32) Benzoic acid	7.916	122	196107	57.123	ng		94
33) 4-Chloroaniline	8.234	127	217269	25.827	ng		98
34) Hexachlorobutadiene	8.304	225	273869	50.562	ng		99
35) Caprolactam	8.598	113	104954m	58.648	ng		
36) 4-Chloro-3-methylphenol	8.716	107	377069	57.424	ng		100
37) 2-Methylnaphthalene	8.881	142	720907	47.228	ng		100
38) 1-Methylnaphthalene	8.981	142	745492	51.024	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	444660	56.169	ng		99
41) Hexachlorocyclopentadiene	9.034	237	607539	121.091	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	284874	57.469	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	306093	59.035	ng		97
46)	1,1'-Biphenyl	9.345	154	1050767	55.336	ng		99
47)	2-Chloronaphthalene	9.369	162	763404	49.944	ng		99
48)	2-Nitroaniline	9.463	65	302426	65.464	ng		99
49)	Acenaphthylene	9.786	152	1252000	59.500	ng		100
50)	Dimethylphthalate	9.645	163	888138	55.548	ng		100
51)	2,6-Dinitrotoluene	9.704	165	193566	73.685	ng		95
52)	Acenaphthene	9.957	154	752691	54.357	ng		100
53)	3-Nitroaniline	9.875	138	131753	41.378	ng		96
54)	2,4-Dinitrophenol	9.980	184	111005	90.863	ng	#	22
55)	Dibenzofuran	10.133	168	1050987	53.674	ng		98
56)	4-Nitrophenol	10.028	139	288640	112.491	ng		95
57)	2,4-Dinitrotoluene	10.110	165	251375	63.468	ng		96
58)	Fluorene	10.475	166	795662	54.659	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	305482	68.775	ng		94
60)	Diethylphthalate	10.345	149	832153	55.600	ng		100
61)	4-Chlorophenyl-phenyle...	10.469	204	413554	55.756	ng		93
62)	4-Nitroaniline	10.492	138	190437	63.607	ng		95
63)	Azobenzene	10.628	77	837034	53.066	ng		96
65)	4,6-Dinitro-2-methylph...	10.516	198	95919	57.740	ng		85
66)	n-Nitrosodiphenylamine	10.586	169	764142	54.230	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	439683	60.216	ng		96
68)	Hexachlorobenzene	11.022	284	627865	62.396	ng		97
69)	Atrazine	11.110	200	236567	57.976	ng		96
70)	Pentachlorophenol	11.216	266	619597	123.699	ng		100
71)	Phenanthrene	11.439	178	1153640	52.445	ng		100
72)	Anthracene	11.492	178	1171401	53.089	ng		99
73)	Carbazole	11.645	167	1013194	52.519	ng		99
74)	Di-n-butylphthalate	11.974	149	1133956	51.108	ng		100
75)	Fluoranthene	12.627	202	1133469	51.232	ng		99
77)	Benzidine	12.751	184	182119	21.371	ng		99
78)	Pyrene	12.857	202	1132536	65.869	ng		100
80)	Butylbenzylphthalate	13.474	149	354277	59.557	ng		96
81)	Benzo(a)anthracene	14.045	228	1031815	54.920	ng		100
82)	3,3'-Dichlorobenzidine	14.010	252	347675	42.716	ng		99
83)	Chrysene	14.086	228	987140	58.066	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.033	149	416645	47.784	ng		99
85)	Di-n-octyl phthalate	14.651	149	700255	44.274	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	17.033	276	2512746	61.124	ng		98
88)	Benzo(b)fluoranthene	15.104	252	1530332	55.465	ng		99
89)	Benzo(k)fluoranthene	15.133	252	1512884	54.577	ng		99
90)	Benzo(a)pyrene	15.474	252	1531434	59.048	ng		99
91)	Dibenzo(a,h)anthracene	17.057	278	2070670	61.585	ng		99
92)	Benzo(g,h,i)perylene	17.492	276	2024075	62.449	ng		98

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

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