Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
Data File : BF143842.D
Acq On : 30 Sep 2025 19:34
Operator : RC/JU
Sample : Q3231-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Quant Time: Oct 01 02:34:09 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	131846	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	500175	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	265780	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	418613	20.000	ng		0.00
76) Chrysene-d12	14.057	240	385281	20.000	ng		0.00
86) Perylene-d12	15.533	264	608066	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1098053	135.310	ng		0.02
7) Phenol-d6	6.510	99	1295810	138.198	ng		0.00
23) Nitrobenzene-d5	7.445	82	850466	104.080	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	583998	148.400	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1691025	99.287	ng		0.00
79) Terphenyl-d14	12.998	244	2254179	118.989	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	156680	40.338	ng	#	82
3) Pyridine	3.534	79	407854	38.900	ng		90
4) n-Nitrosodimethylamine	3.475	42	215933	41.073	ng	#	79
6) Aniline	6.551	93	384576	28.259	ng		98
8) 2-Chlorophenol	6.669	128	413724	49.800	ng		100
9) Benzaldehyde	6.440	77	138845	16.909	ng		97
10) Phenol	6.528	94	518361	47.561	ng		100
11) bis(2-Chloroethyl)ether	6.622	93	412739	48.311	ng		97
12) 1,3-Dichlorobenzene	6.828	146	420354	43.579	ng		98
13) 1,4-Dichlorobenzene	6.904	146	430487	44.721	ng		99
14) 1,2-Dichlorobenzene	7.057	146	412653	45.262	ng		99
15) Benzyl Alcohol	7.022	79	374842	55.326	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	799444	39.463	ng		94
17) 2-Methylphenol	7.134	107	339964	52.857	ng		99
18) Hexachloroethane	7.398	117	142020	41.952	ng		95
19) n-Nitroso-di-n-propyla...	7.298	70	296269	49.136	ng		90
20) 3+4-Methylphenols	7.287	107	404757	51.676	ng	#	83
22) Acetophenone	7.293	105	581695	52.950	ng		97
24) Nitrobenzene	7.469	77	438526	48.417	ng		95
25) Isophorone	7.704	82	814261	51.137	ng		99
26) 2-Nitrophenol	7.781	139	212020	56.509	ng		95
27) 2,4-Dimethylphenol	7.816	122	396823	55.757	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	511452	49.439	ng		99
29) 2,4-Dichlorophenol	8.022	162	366193	52.291	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	368034	50.641	ng		100
31) Naphthalene	8.192	128	1126912	47.064	ng		100
32) Benzoic acid	7.910	122	174685	50.872	ng		96
33) 4-Chloroaniline	8.234	127	198191m	23.554	ng		
34) Hexachlorobutadiene	8.304	225	260791	48.137	ng		100
35) Caprolactam	8.598	113	96669m	54.007	ng		
36) 4-Chloro-3-methylphenol	8.710	107	356776	54.322	ng		98
37) 2-Methylnaphthalene	8.881	142	709372	46.462	ng		100
38) 1-Methylnaphthalene	8.981	142	723051	49.477	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	435474	54.293	ng		98
41) Hexachlorocyclopentadiene	9.034	237	598323	117.703	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	275867	54.928	ng		99

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44) 2,4,5-Trichlorophenol	9.198	196	284564	54.169	ng		98
46) 1,1'-Biphenyl	9.345	154	1020475	53.042	ng		99
47) 2-Chloronaphthalene	9.369	162	743242	47.993	ng		99
48) 2-Nitroaniline	9.463	65	283018	60.466	ng		99
49) Acenaphthylene	9.786	152	1197203	56.155	ng		99
50) Dimethylphthalate	9.645	163	833164	51.432	ng		100
51) 2,6-Dinitrotoluene	9.704	165	183036	68.771	ng		95
52) Acenaphthene	9.957	154	722147	51.473	ng		99
53) 3-Nitroaniline	9.875	138	125756	38.981	ng		96
54) 2,4-Dinitrophenol	9.981	184	109915	89.599	ng	#	19
55) Dibenzofuran	10.133	168	1003519	50.583	ng		98
56) 4-Nitrophenol	10.028	139	276851	106.493	ng		94
57) 2,4-Dinitrotoluene	10.110	165	236895	59.238	ng		94
58) Fluorene	10.475	166	750021	50.853	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	295180	65.591	ng		93
60) Diethylphthalate	10.345	149	777014	51.241	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	388353	51.677	ng		97
62) 4-Nitroaniline	10.486	138	179557	59.193	ng		98
63) Azobenzene	10.628	77	792734	49.604	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	93971	57.860	ng		82
66) n-Nitrosodiphenylamine	10.586	169	720688	52.349	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	407874	57.174	ng		97
68) Hexachlorobenzene	11.022	284	591378	60.153	ng		97
69) Atrazine	11.110	200	222976	55.931	ng		97
70) Pentachlorophenol	11.216	266	595731	121.734	ng		99
71) Phenanthrene	11.439	178	1103235	51.334	ng		100
72) Anthracene	11.492	178	1113516	51.653	ng		99
73) Carbazole	11.645	167	962333	51.056	ng		99
74) Di-n-butylphthalate	11.975	149	1089554	50.263	ng		100
75) Fluoranthene	12.627	202	1094832	50.650	ng		99
77) Benzidine	12.751	184	218020	23.222	ng		100
78) Pyrene	12.857	202	1104594	58.314	ng		99
80) Butylbenzylphthalate	13.474	149	369681	56.411	ng		95
81) Benzo(a)anthracene	14.045	228	1075117	51.943	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	372713	41.566	ng		100
83) Chrysene	14.080	228	1016710	54.286	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	458314	47.712	ng		99
85) Di-n-octyl phthalate	14.651	149	791757	45.439	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.039	276	2576602	55.848	ng		98
88) Benzo(b)fluoranthene	15.104	252	1625712	52.500	ng		99
89) Benzo(k)fluoranthene	15.133	252	1584406	50.929	ng		99
90) Benzo(a)pyrene	15.474	252	1591907	54.691	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	2090745	55.405	ng		98
92) Benzo(g,h,i)perylene	17.492	276	2070983	56.933	ng		98

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

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