Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143612.D
Acq On : 28 Aug 2025 16:15
Operator : RC/JU
Sample : Q2954-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 28 17:54:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	107987	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	422707	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	244144	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	401500	20.000	ng	0.00
76) Chrysene-d12	14.051	240	228377	20.000	ng	0.00
86) Perylene-d12	15.527	264	228721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	719872	113.459	ng	0.01
7) Phenol-d6	6.510	99	936948	119.228	ng	0.00
23) Nitrobenzene-d5	7.451	82	540290	91.262	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	276202	144.665	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1051946	73.669	ng	0.00
79) Terphenyl-d14	12.998	244	983583	77.286	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	129469	41.711	ng	96
3) Pyridine	3.510	79	342674	43.964	ng	94
4) n-Nitrosodimethylamine	3.463	42	172091	46.399	ng	95
6) Aniline	6.551	93	370673	33.787	ng	100
8) 2-Chlorophenol	6.675	128	338599	50.442	ng	96
9) Benzaldehyde	6.439	77	163531	27.656	ng	99
10) Phenol	6.528	94	443638	50.335	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	315442	46.706	ng	96
12) 1,3-Dichlorobenzene	6.834	146	371806	48.220	ng	99
13) 1,4-Dichlorobenzene	6.910	146	373686	48.063	ng	99
14) 1,2-Dichlorobenzene	7.063	146	361069	48.959	ng	99
15) Benzyl Alcohol	7.028	79	315618	53.590	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	538937	43.231	ng	97
17) 2-Methylphenol	7.134	107	290653	51.005	ng	98
18) Hexachloroethane	7.404	117	125265	50.705	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	248024	49.821	ng	97
20) 3+4-Methylphenols	7.287	107	362734	51.827	ng	96
22) Acetophenone	7.298	105	468715	49.237	ng	98
24) Nitrobenzene	7.475	77	359588	56.654	ng	97
25) Isophorone	7.710	82	685730	49.496	ng	99
26) 2-Nitrophenol	7.786	139	172143	61.019	ng	99
27) 2,4-Dimethylphenol	7.822	122	321482	53.332	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	406259	48.467	ng	99
29) 2,4-Dichlorophenol	8.028	162	304795	52.480	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	314041	51.788	ng	99
31) Naphthalene	8.198	128	978238	47.899	ng	100
32) Benzoic acid	7.939	122	221585	64.832	ng	98
33) 4-Chloroaniline	8.239	127	106154	14.713	ng	97
34) Hexachlorobutadiene	8.310	225	189285	49.537	ng	99
35) Caprolactam	8.616	113	99253m	60.154	ng	
36) 4-Chloro-3-methylphenol	8.716	107	326094	53.705	ng	99
37) 2-Methylnaphthalene	8.886	142	604007	44.783	ng	98
38) 1-Methylnaphthalene	8.986	142	622450	47.819	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	300073	47.253	ng	99
41) Hexachlorocyclopentadiene	9.039	237	398579	127.585	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	232936	55.510	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	224349	52.909	ng		98
46) 1,1'-Biphenyl	9.351	154	833181	49.183	ng		100
47) 2-Chloronaphthalene	9.375	162	639659	47.800	ng		99
48) 2-Nitroaniline	9.469	65	215319	57.039	ng		97
49) Acenaphthylene	9.792	152	1056703	54.272	ng		100
50) Dimethylphthalate	9.651	163	790432	52.636	ng		99
51) 2,6-Dinitrotoluene	9.710	165	166496	64.215	ng		93
52) Acenaphthene	9.963	154	682713	53.530	ng		99
53) 3-Nitroaniline	9.875	138	99175	34.550	ng	#	98
54) 2,4-Dinitrophenol	9.980	184	140184	110.658	ng	#	16
55) Dibenzofuran	10.139	168	925806	49.511	ng		98
56) 4-Nitrophenol	10.033	139	283884	107.867	ng		98
57) 2,4-Dinitrotoluene	10.116	165	224768	65.853	ng		96
58) Fluorene	10.480	166	701167	49.943	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	194816	62.144	ng		99
60) Diethylphthalate	10.351	149	752068	53.440	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	344723	50.207	ng		98
62) 4-Nitroaniline	10.498	138	169012	59.659	ng		97
63) Azobenzene	10.633	77	777078	54.460	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	98446	64.664	ng		87
66) n-Nitrosodiphenylamine	10.586	169	635890	49.792	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	220093	50.679	ng		99
68) Hexachlorobenzene	11.022	284	230624	49.647	ng		97
69) Atrazine	11.116	200	201153	54.795	ng		99
70) Pentachlorophenol	11.216	266	287054	108.158	ng		98
71) Phenanthrene	11.439	178	1048214	48.761	ng		100
72) Anthracene	11.492	178	1070983	49.436	ng		100
73) Carbazole	11.645	167	928315	49.573	ng		100
74) Di-n-butylphthalate	11.974	149	1132143	59.356	ng		99
75) Fluoranthene	12.627	202	961028	48.962	ng		99
77) Benzidine	12.745	184	236398	44.961	ng		99
78) Pyrene	12.857	202	952876	49.855	ng		100
80) Butylbenzylphthalate	13.474	149	365625	66.232	ng		96
81) Benzo(a)anthracene	14.039	228	711203	49.499	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	100188	26.008	ng		99
83) Chrysene	14.080	228	686498	51.269	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	463415	65.059	ng		100
85) Di-n-octyl phthalate	14.645	149	738258	55.350	ng		95
87) Indeno(1,2,3-cd)pyrene	17.021	276	738849	47.480	ng		98
88) Benzo(b)fluoranthene	15.092	252	699899	53.556	ng		99
89) Benzo(k)fluoranthene	15.121	252	592019	48.451	ng		100
90) Benzo(a)pyrene	15.462	252	625460	54.169	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	605340	47.529	ng		98
92) Benzo(g,h,i)perylene	17.474	276	566219	44.906	ng		98

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

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