Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143225.D
Acq On : 24 Jul 2025 10:58
Operator : RC/JU
Sample : PB168981BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 24 11:51:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168981BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	112891	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	433128	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	217249	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	356315	20.000	ng		0.00
76) Chrysene-d12	14.121	240	247429	20.000	ng		0.00
86) Perylene-d12	15.621	264	272351	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	812116	113.839	ng		0.02
7) Phenol-d6	6.592	99	1010597	112.547	ng		0.00
23) Nitrobenzene-d5	7.522	82	721913	83.082	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	286511	127.661	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1267827	79.812	ng		0.00
79) Terphenyl-d14	13.063	244	1243011	74.758	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	119523	35.408	ng		98
3) Pyridine	3.640	79	324000	36.980	ng		98
4) n-Nitrosodimethylamine	3.587	42	189360	41.861	ng		99
6) Aniline	6.622	93	411112	32.851	ng		97
8) 2-Chlorophenol	6.751	128	314377	42.042	ng		97
9) Benzaldehyde	6.510	77	208316	30.939	ng		98
10) Phenol	6.604	94	403880	41.288	ng		93
11) bis(2-Chloroethyl)ether	6.692	93	309170	41.279	ng		98
12) 1,3-Dichlorobenzene	6.904	146	341223	42.006	ng		100
13) 1,4-Dichlorobenzene	6.981	146	345205	42.198	ng		99
14) 1,2-Dichlorobenzene	7.134	146	331871	42.653	ng		99
15) Benzyl Alcohol	7.098	79	288901	42.138	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	567160	40.821	ng		99
17) 2-Methylphenol	7.210	107	257864	41.013	ng		99
18) Hexachloroethane	7.481	117	123530	43.620	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	233364	40.509	ng		99
20) 3+4-Methylphenols	7.357	107	309326	40.549	ng	#	85
22) Acetophenone	7.363	105	427556	41.695	ng		94
24) Nitrobenzene	7.539	77	350202	43.230	ng		100
25) Isophorone	7.775	82	636631	41.504	ng		100
26) 2-Nitrophenol	7.857	139	170755	48.568	ng		98
27) 2,4-Dimethylphenol	7.892	122	292944	40.876	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	376411	40.928	ng		98
29) 2,4-Dichlorophenol	8.098	162	255756	42.317	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	280515	42.962	ng		99
31) Naphthalene	8.263	128	901272	42.252	ng		99
32) Benzoic acid	7.998	122	186943	46.490	ng		99
33) 4-Chloroaniline	8.304	127	190309	21.850	ng		99
34) Hexachlorobutadiene	8.386	225	174584	43.770	ng		99
35) Caprolactam	8.669	113	83168m	45.538	ng		
36) 4-Chloro-3-methylphenol	8.786	107	277367	42.223	ng		100
37) 2-Methylnaphthalene	8.957	142	546318	42.088	ng		100
38) 1-Methylnaphthalene	9.057	142	566513	42.383	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	274737	43.802	ng		98
41) Hexachlorocyclopentadiene	9.116	237	374903	91.862	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	186662	43.001	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	189385	43.615	ng		99
46) 1,1'-Biphenyl	9.416	154	742262	43.792	ng		99
47) 2-Chloronaphthalene	9.445	162	540014	43.058	ng		99
48) 2-Nitroaniline	9.533	65	180697	45.944	ng		97
49) Acenaphthylene	9.863	152	904978	43.058	ng		100
50) Dimethylphthalate	9.716	163	621597	43.895	ng		99
51) 2,6-Dinitrotoluene	9.769	165	137364	47.684	ng		99
52) Acenaphthene	10.033	154	584118	47.021	ng		98
53) 3-Nitroaniline	9.939	138	103956	30.852	ng		99
54) 2,4-Dinitrophenol	10.045	184	138522	103.923	ng	#	1
55) Dibenzofuran	10.204	168	781008	42.346	ng		99
56) 4-Nitrophenol	10.098	139	233951	92.980	ng		99
57) 2,4-Dinitrotoluene	10.175	165	184944	51.172	ng		96
58) Fluorene	10.545	166	602049	43.494	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	149060	41.441	ng		99
60) Diethylphthalate	10.416	149	629374	44.966	ng		100
61) 4-Chlorophenyl-phenyle...	10.533	204	306641	44.489	ng		98
62) 4-Nitroaniline	10.557	138	137898	47.751	ng		99
63) Azobenzene	10.698	77	628306	43.071	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	94578	50.336	ng		96
66) n-Nitrosodiphenylamine	10.651	169	531780	42.383	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	184844	43.530	ng		99
68) Hexachlorobenzene	11.098	284	193123	43.513	ng		99
69) Atrazine	11.175	200	169546	49.015	ng		100
70) Pentachlorophenol	11.286	266	165497	63.407	ng		99
71) Phenanthrene	11.510	178	826104	43.665	ng		100
72) Anthracene	11.563	178	846791	43.885	ng		100
73) Carbazole	11.710	167	767306	45.541	ng		100
74) Di-n-butylphthalate	12.039	149	946624	49.654	ng		99
75) Fluoranthene	12.698	202	850154	48.957	ng		99
77) Benzidine	12.810	184	456845	47.924	ng		98
78) Pyrene	12.927	202	847736	40.145	ng		99
80) Butylbenzylphthalate	13.539	149	354124	54.765	ng		96
81) Benzo(a)anthracene	14.110	228	714110	43.108	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	149301	27.042	ng		99
83) Chrysene	14.151	228	673878	45.245	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	483284	49.379	ng		99
85) Di-n-octyl phthalate	14.710	149	821338	46.297	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	850172	44.270	ng		98
88) Benzo(b)fluoranthene	15.180	252	770576	46.314	ng		99
89) Benzo(k)fluoranthene	15.210	252	631185	42.512	ng		100
90) Benzo(a)pyrene	15.562	252	690330	45.033	ng		100
91) Dibenzo(a,h)anthracene	17.186	278	692677	44.314	ng		98
92) Benzo(g,h,i)perylene	17.633	276	681897	45.098	ng		99

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

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