Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143227.D
Acq On : 24 Jul 2025 11:57
Operator : RC/JU
Sample : PB168983BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 24 12:43:35 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 :
PB168983BS

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	118928	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	454070	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	233308	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	382635	20.000	ng		0.00
76) Chrysene-d12	14.121	240	235441	20.000	ng		0.00
86) Perylene-d12	15.621	264	270750	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	829255	110.341	ng		0.02
7) Phenol-d6	6.593	99	1039628	109.903	ng		0.00
23) Nitrobenzene-d5	7.522	82	705891	77.492	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	289067	119.935	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1306148	76.565	ng		0.00
79) Terphenyl-d14	13.063	244	1187870	75.079	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	123030	34.597	ng		98
3) Pyridine	3.640	79	343132	37.176	ng		98
4) n-Nitrosodimethylamine	3.587	42	200760	42.128	ng		98
6) Aniline	6.622	93	388627	29.478	ng		96
8) 2-Chlorophenol	6.751	128	339459	43.091	ng		97
9) Benzaldehyde	6.510	77	223491	31.508	ng		99
10) Phenol	6.604	94	436467	42.354	ng		94
11) bis(2-Chloroethyl)ether	6.693	93	328948	41.690	ng		99
12) 1,3-Dichlorobenzene	6.904	146	363863	42.519	ng		99
13) 1,4-Dichlorobenzene	6.981	146	370897	43.037	ng		99
14) 1,2-Dichlorobenzene	7.134	146	358905	43.786	ng		98
15) Benzyl Alcohol	7.098	79	315360	43.662	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	608431	41.569	ng		99
17) 2-Methylphenol	7.210	107	286341	43.230	ng		98
18) Hexachloroethane	7.475	117	132586	44.441	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	253111	41.706	ng		100
20) 3+4-Methylphenols	7.357	107	340436	42.362	ng	#	85
22) Acetophenone	7.363	105	462863	43.056	ng		95
24) Nitrobenzene	7.540	77	380553	44.810	ng		99
25) Isophorone	7.775	82	694391	43.181	ng		100
26) 2-Nitrophenol	7.857	139	185650	50.369	ng		98
27) 2,4-Dimethylphenol	7.892	122	319797	42.565	ng		100
28) bis(2-Chloroethoxy)met...	7.987	93	409567	42.479	ng		98
29) 2,4-Dichlorophenol	8.098	162	278875	44.014	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	303327	44.313	ng		99
31) Naphthalene	8.263	128	979294	43.792	ng		100
32) Benzoic acid	7.998	122	210526	49.556	ng		99
33) 4-Chloroaniline	8.304	127	101760	11.144	ng		99
34) Hexachlorobutadiene	8.387	225	190144	45.473	ng		99
35) Caprolactam	8.669	113	93209m	48.682	ng		
36) 4-Chloro-3-methylphenol	8.787	107	308262	44.762	ng		100
37) 2-Methylnaphthalene	8.957	142	597076	43.877	ng		100
38) 1-Methylnaphthalene	9.057	142	620464	44.279	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	296491	44.017	ng		98
41) Hexachlorocyclopentadiene	9.116	237	407999	93.090	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	207510	44.513	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	214331	45.962	ng		98
46) 1,1'-Biphenyl	9.416	154	816107	44.835	ng		99
47) 2-Chloronaphthalene	9.445	162	596622	44.297	ng		99
48) 2-Nitroaniline	9.534	65	199467	47.225	ng		98
49) Acenaphthylene	9.863	152	1006432	44.589	ng		100
50) Dimethylphthalate	9.716	163	696812	45.820	ng		99
51) 2,6-Dinitrotoluene	9.775	165	151768	49.057	ng		98
52) Acenaphthene	10.033	154	640438	48.006	ng		99
53) 3-Nitroaniline	9.939	138	91490	25.283	ng		97
54) 2,4-Dinitrophenol	10.045	184	155357	108.235	ng	#	1
55) Dibenzofuran	10.204	168	870479	43.949	ng		99
56) 4-Nitrophenol	10.098	139	255673	94.619	ng		100
57) 2,4-Dinitrotoluene	10.181	165	204486	52.684	ng		94
58) Fluorene	10.545	166	656116	44.137	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	167088	43.256	ng		100
60) Diethylphthalate	10.416	149	702025	46.704	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	334920	45.247	ng		99
62) 4-Nitroaniline	10.557	138	149287	48.137	ng		99
63) Azobenzene	10.698	77	690470	44.074	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	104899	51.811	ng		98
66) n-Nitrosodiphenylamine	10.651	169	592170	43.950	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	203371	44.599	ng		99
68) Hexachlorobenzene	11.098	284	214202	44.942	ng		99
69) Atrazine	11.175	200	184737	49.733	ng		99
70) Pentachlorophenol	11.286	266	183509	65.471	ng		99
71) Phenanthrene	11.510	178	912890	44.933	ng		100
72) Anthracene	11.563	178	924957	44.639	ng		100
73) Carbazole	11.710	167	820057	45.324	ng		99
74) Di-n-butylphthalate	12.039	149	1004485	49.065	ng		100
75) Fluoranthene	12.698	202	890477	47.752	ng		99
77) Benzidine	12.810	184	357835	39.449	ng		99
78) Pyrene	12.927	202	877671	43.679	ng		99
80) Butylbenzylphthalate	13.539	149	349214	56.755	ng		98
81) Benzo(a)anthracene	14.110	228	712109	45.177	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	110645	21.061	ng		100
83) Chrysene	14.151	228	672510	47.453	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	480670	51.612	ng		98
85) Di-n-octyl phthalate	14.710	149	836921	49.577	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	887527	46.488	ng		98
88) Benzo(b)fluoranthene	15.180	252	800706	48.409	ng		99
89) Benzo(k)fluoranthene	15.210	252	643075	43.569	ng		100
90) Benzo(a)pyrene	15.563	252	716707	47.030	ng		99
91) Dibenzo(a,h)anthracene	17.186	278	714891	46.006	ng		99
92) Benzo(g,h,i)perylene	17.633	276	711130	47.309	ng		99

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

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