Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143213.D
Acq On : 23 Jul 2025 16:00
Operator : RC/JU
Sample : PB168954BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 23 16:22:58 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 :
PB168954BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

07/24/2025
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07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	127773	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	503486	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	265187	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	449718	20.000	ng		0.00
76) Chrysene-d12	14.127	240	253510	20.000	ng		0.00
86) Perylene-d12	15.627	264	261797	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	916900	113.558	ng		0.02
7) Phenol-d6	6.598	99	1153015	113.452	ng		0.01
23) Nitrobenzene-d5	7.522	82	828442	82.019	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	344125	125.615	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1475069	76.072	ng		0.00
79) Terphenyl-d14	13.069	244	1407338	82.611	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	132471	34.673	ng		100
3) Pyridine	3.657	79	366838	36.993	ng		99
4) n-Nitrosodimethylamine	3.604	42	215046	42.002	ng		98
6) Aniline	6.628	93	453418	32.012	ng		98
8) 2-Chlorophenol	6.751	128	371590	43.905	ng		98
9) Benzaldehyde	6.510	77	245056	32.156	ng		98
10) Phenol	6.610	94	469882	42.440	ng		87
11) bis(2-Chloroethyl)ether	6.693	93	357840	42.212	ng		100
12) 1,3-Dichlorobenzene	6.910	146	386199	42.005	ng		99
13) 1,4-Dichlorobenzene	6.981	146	393397	42.488	ng		99
14) 1,2-Dichlorobenzene	7.134	146	380909	43.254	ng		100
15) Benzyl Alcohol	7.098	79	349759	45.072	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	660695	42.015	ng		97
17) 2-Methylphenol	7.216	107	312356	43.893	ng		98
18) Hexachloroethane	7.481	117	142004	44.303	ng		99
19) n-Nitroso-di-n-propyla...	7.375	70	275552	42.261	ng		100
20) 3+4-Methylphenols	7.363	107	368857	42.722	ng	#	80
22) Acetophenone	7.369	105	498995	41.862	ng		96
24) Nitrobenzene	7.540	77	416358	44.214	ng		98
25) Isophorone	7.781	82	767871	43.064	ng		99
26) 2-Nitrophenol	7.857	139	202876	49.640	ng		100
27) 2,4-Dimethylphenol	7.892	122	353154	42.392	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	454347	42.499	ng		99
29) 2,4-Dichlorophenol	8.098	162	308890	43.967	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	329323	43.389	ng		100
31) Naphthalene	8.269	128	1076778	43.425	ng		99
32) Benzoic acid	8.010	122	237583	50.344	ng		98
33) 4-Chloroaniline	8.304	127	151427	14.956	ng		99
34) Hexachlorobutadiene	8.387	225	204807	44.172	ng		99
35) Caprolactam	8.675	113	104609m	49.274	ng		
36) 4-Chloro-3-methylphenol	8.792	107	348866	45.686	ng		99
37) 2-Methylnaphthalene	8.957	142	658532	43.644	ng		100
38) 1-Methylnaphthalene	9.057	142	675295	43.462	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	321264	41.961	ng		99
41) Hexachlorocyclopentadiene	9.116	237	448113	89.952	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	236950	44.718	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	236712	44.660	ng		98
46) 1,1'-Biphenyl	9.422	154	896929	43.351	ng		100
47) 2-Chloronaphthalene	9.445	162	657554	42.952	ng		100
48) 2-Nitroaniline	9.534	65	230570	48.027	ng		97
49) Acenaphthylene	9.863	152	1113812	43.414	ng		100
50) Dimethylphthalate	9.716	163	786201	45.483	ng		100
51) 2,6-Dinitrotoluene	9.775	165	173323	49.290	ng		99
52) Acenaphthene	10.039	154	721953	47.611	ng		97
53) 3-Nitroaniline	9.945	138	124269	30.214	ng		96
54) 2,4-Dinitrophenol	10.051	184	177281	108.635	ng	#	1
55) Dibenzofuran	10.210	168	965446	42.884	ng		100
56) 4-Nitrophenol	10.104	139	288911	94.066	ng		98
57) 2,4-Dinitrotoluene	10.181	165	233822	53.000	ng		96
58) Fluorene	10.551	166	747219	44.223	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	189277	43.109	ng		98
60) Diethylphthalate	10.422	149	789791	46.227	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	374523	44.515	ng		99
62) 4-Nitroaniline	10.563	138	175257	49.717	ng		98
63) Azobenzene	10.698	77	780361	43.824	ng		100
65) 4,6-Dinitro-2-methylph...	10.592	198	120214	50.654	ng		96
66) n-Nitrosodiphenylamine	10.657	169	669884	42.301	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	233035	43.481	ng		98
68) Hexachlorobenzene	11.104	284	245838	43.886	ng		98
69) Atrazine	11.180	200	213830	48.978	ng		99
70) Pentachlorophenol	11.292	266	203492	61.771	ng		99
71) Phenanthrene	11.516	178	1030740	43.166	ng		99
72) Anthracene	11.563	178	1059988	43.525	ng		100
73) Carbazole	11.716	167	945375	44.456	ng		100
74) Di-n-butylphthalate	12.039	149	1168492	48.562	ng		100
75) Fluoranthene	12.698	202	1021799	46.620	ng		99
77) Benzidine	12.810	184	430639	44.091	ng		99
78) Pyrene	12.927	202	1010330	46.697	ng		100
80) Butylbenzylphthalate	13.539	149	392773	59.285	ng		98
81) Benzo(a)anthracene	14.116	228	764664	45.053	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	126532	22.368	ng		97
83) Chrysene	14.151	228	680186	44.573	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	515251	51.382	ng		100
85) Di-n-octyl phthalate	14.716	149	825088	45.393	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	840404	45.525	ng		99
88) Benzo(b)fluoranthene	15.186	252	713448	44.609	ng		99
89) Benzo(k)fluoranthene	15.215	252	663116	46.464	ng		99
90) Benzo(a)pyrene	15.563	252	672961	45.669	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	679016	45.191	ng		98
92) Benzo(g,h,i)perylene	17.639	276	671436	46.196	ng		99

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

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