Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143432.D
Acq On : 18 Aug 2025 10:33
Operator : RC/JU
Sample : PB169256BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 12:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169256BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	123016	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	471004	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	263675	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	424732	20.000	ng	0.00
76) Chrysene-d12	14.086	240	226165	20.000	ng	0.00
86) Perylene-d12	15.574	264	260498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	687646	97.170	ng	0.01
7) Phenol-d6	6.563	99	870245	97.580	ng	0.00
23) Nitrobenzene-d5	7.487	82	805995	101.542	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	248037	105.687	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1476237	94.170	ng	0.00
79) Terphenyl-d14	13.027	244	1439984	106.956	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	137957	40.500	ng	99
3) Pyridine	3.587	79	383890	42.969	ng	98
4) n-Nitrosodimethylamine	3.534	42	211181	50.855	ng	99
6) Aniline	6.593	93	494159	40.815	ng	99
8) 2-Chlorophenol	6.716	128	388671	49.748	ng	99
9) Benzaldehyde	6.475	77	213888	45.083	ng	100
10) Phenol	6.575	94	500506	48.093	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	373276	48.389	ng	99
12) 1,3-Dichlorobenzene	6.869	146	425782	48.651	ng	100
13) 1,4-Dichlorobenzene	6.945	146	429121	49.113	ng	100
14) 1,2-Dichlorobenzene	7.098	146	412189	49.391	ng	100
15) Benzyl Alcohol	7.069	79	337556	51.325	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	636828	48.289	ng	98
17) 2-Methylphenol	7.181	107	322459	50.586	ng	99
18) Hexachloroethane	7.440	117	142474	47.906	ng	98
19) n-Nitroso-di-n-propyla...	7.334	70	270636	49.018	ng	99
20) 3+4-Methylphenols	7.334	107	374819	49.187	ng	97
22) Acetophenone	7.334	105	508650	50.228	ng	99
24) Nitrobenzene	7.504	77	421836	50.849	ng	99
25) Isophorone	7.745	82	777411	51.173	ng	100
26) 2-Nitrophenol	7.822	139	199231	51.805	ng	99
27) 2,4-Dimethylphenol	7.863	122	346963m	53.359	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	468422	50.164	ng	100
29) 2,4-Dichlorophenol	8.069	162	334598	50.478	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	351529	51.758	ng	99
31) Naphthalene	8.234	128	1096477	49.035	ng	100
32) Benzoic acid	7.992	122	182069	53.838	ng	98
33) 4-Chloroaniline	8.275	127	271237	33.605	ng	98
34) Hexachlorobutadiene	8.351	225	214757	49.587	ng	98
35) Caprolactam	8.645	113	106542m	55.828	ng	
36) 4-Chloro-3-methylphenol	8.763	107	358150	52.463	ng	99
37) 2-Methylnaphthalene	8.922	142	670156	44.462	ng	99
38) 1-Methylnaphthalene	9.022	142	692848	47.978	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	346649	47.141	ng	98
41) Hexachlorocyclopentadiene	9.081	237	368119	132.543	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	227299	49.551	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	251842	51.218	ng	99
46) 1,1'-Biphenyl	9.386	154	913784	49.324	ng	99
47) 2-Chloronaphthalene	9.410	162	711481	48.652	ng	99
48) 2-Nitroaniline	9.504	65	228010	52.393	ng	96
49) Acenaphthylene	9.828	152	1143201	54.143	ng	99
50) Dimethylphthalate	9.681	163	853912	51.944	ng	100
51) 2,6-Dinitrotoluene	9.745	165	185428	57.220	ng	97
52) Acenaphthene	9.998	154	747542	52.640	ng	100
53) 3-Nitroaniline	9.910	138	135285	37.477	ng	99
54) 2,4-Dinitrophenol	10.022	184	160345	104.524	ng	96
55) Dibenzofuran	10.169	168	1009754	49.290	ng	98
56) 4-Nitrophenol	10.081	139	261953	115.424	ng	99
57) 2,4-Dinitrotoluene	10.151	165	251963	58.318	ng	98
58) Fluorene	10.510	166	773997	49.180	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	220551	59.254	ng	99
60) Diethylphthalate	10.381	149	788488	51.905	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	388170	49.887	ng	96
62) 4-Nitroaniline	10.528	138	184271	54.584	ng	98
63) Azobenzene	10.663	77	799381	52.064	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	119928	54.725	ng	94
66) n-Nitrosodiphenylamine	10.622	169	693939	50.248	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	251773	50.199	ng	99
68) Hexachlorobenzene	11.063	284	268208	50.302	ng	99
69) Atrazine	11.145	200	216563	53.613	ng	99
70) Pentachlorophenol	11.257	266	264390	112.754	ng	99
71) Phenanthrene	11.475	178	1118613	48.635	ng	99
72) Anthracene	11.528	178	1144316	49.259	ng	99
73) Carbazole	11.680	167	975657	49.658	ng	100
74) Di-n-butylphthalate	12.004	149	1078810	55.139	ng	99
75) Fluoranthene	12.663	202	1023073	50.061	ng	100
77) Benzidine	12.774	184	348234	51.561	ng	99
78) Pyrene	12.892	202	1010934	51.427	ng	100
80) Butylbenzylphthalate	13.498	149	284383	58.407	ng	100
81) Benzo(a)anthracene	14.074	228	731638	50.812	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	134134	31.817	ng	100
83) Chrysene	14.116	228	692560	52.027	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	362867	52.478	ng	99
85) Di-n-octyl phthalate	14.668	149	678349	48.368	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	973070	49.812	ng	100
88) Benzo(b)fluoranthene	15.139	252	726149	52.010	ng	99
89) Benzo(k)fluoranthene	15.168	252	731388	53.112	ng	99
90) Benzo(a)pyrene	15.515	252	726611	54.641	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	793736	50.597	ng	99
92) Benzo(g,h,i)perylene	17.557	276	801965	51.174	ng	99

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

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