Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143269.D
Acq On : 30 Jul 2025 15:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 30 15:50:27 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 :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	110548	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	425847	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	214991	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	356537	20.000	ng		0.00
76) Chrysene-d12	14.127	240	214084	20.000	ng		0.00
86) Perylene-d12	15.633	264	240904	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	489717	70.102	ng		0.00
7) Phenol-d6	6.593	99	608461	69.199	ng		0.00
23) Nitrobenzene-d5	7.522	82	630415	73.793	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	168949	76.070	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1143096	72.716	ng		0.00
79) Terphenyl-d14	13.069	244	1020665	70.947	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	109287	33.062	ng		98
3) Pyridine	3.575	79	283112	32.998	ng		98
4) n-Nitrosodimethylamine	3.516	42	151328	34.162	ng		98
6) Aniline	6.622	93	415870	33.936	ng		97
8) 2-Chlorophenol	6.751	128	263293	35.956	ng		96
9) Benzaldehyde	6.510	77	234873	35.622	ng		96
10) Phenol	6.604	94	348132	36.343	ng		94
11) bis(2-Chloroethyl)ether	6.693	93	251401	34.277	ng		100
12) 1,3-Dichlorobenzene	6.904	146	285218	35.856	ng		99
13) 1,4-Dichlorobenzene	6.981	146	288086	35.962	ng		99
14) 1,2-Dichlorobenzene	7.134	146	277025	36.359	ng		100
15) Benzyl Alcohol	7.098	79	244359	36.396	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	461588	33.927	ng		98
17) 2-Methylphenol	7.210	107	218595	35.504	ng		98
18) Hexachloroethane	7.481	117	103774	37.420	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	191609	33.966	ng		98
20) 3+4-Methylphenols	7.363	107	263862	35.323	ng	#	78
22) Acetophenone	7.369	105	349630	34.679	ng		98
24) Nitrobenzene	7.540	77	290169	36.431	ng		98
25) Isophorone	7.781	82	518716	34.395	ng		99
26) 2-Nitrophenol	7.857	139	138717	40.130	ng		99
27) 2,4-Dimethylphenol	7.892	122	241244	34.238	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	312734	34.586	ng		99
29) 2,4-Dichlorophenol	8.098	162	214899	36.165	ng		98
30) 1,2,4-Trichlorobenzene	8.187	180	232114	36.157	ng		99
31) Naphthalene	8.269	128	748463	35.688	ng		100
32) Benzoic acid	7.992	122	125785m	33.450	ng		
33) 4-Chloroaniline	8.310	127	301807	35.243	ng		99
34) Hexachlorobutadiene	8.387	225	145618	37.132	ng		98
35) Caprolactam	8.675	113	66501	37.035	ng		96
36) 4-Chloro-3-methylphenol	8.787	107	233442	36.144	ng		99
37) 2-Methylnaphthalene	8.957	142	457894	35.879	ng		100
38) 1-Methylnaphthalene	9.057	142	469519	35.727	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	232053	37.386	ng		98
41) Hexachlorocyclopentadiene	9.116	237	141730	35.093	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	152856	35.583	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	163807	38.120	ng		99
46) 1,1'-Biphenyl	9.422	154	609954	36.364	ng		99
47) 2-Chloronaphthalene	9.445	162	450402	36.290	ng		99
48) 2-Nitroaniline	9.534	65	151408	38.901	ng		99
49) Acenaphthylene	9.863	152	757150	36.403	ng		100
50) Dimethylphthalate	9.716	163	514246	36.696	ng		100
51) 2,6-Dinitrotoluene	9.775	165	112305	39.394	ng		100
52) Acenaphthene	10.034	154	454839	36.999	ng		98
53) 3-Nitroaniline	9.945	138	125843	37.740	ng		99
54) 2,4-Dinitrophenol	10.051	184	49359	41.684	ng	#	1
55) Dibenzofuran	10.204	168	659245	36.120	ng		99
56) 4-Nitrophenol	10.098	139	84501	33.936	ng		99
57) 2,4-Dinitrotoluene	10.181	165	145859	40.781	ng		95
58) Fluorene	10.551	166	503547	36.760	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	130962	36.792	ng		100
60) Diethylphthalate	10.416	149	517025	37.327	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	254812	37.358	ng		99
62) 4-Nitroaniline	10.557	138	112320	39.303	ng		97
63) Azobenzene	10.698	77	510054	35.332	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	72136	39.655	ng		96
66) n-Nitrosodiphenylamine	10.657	169	438850	34.955	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	151814	35.730	ng		98
68) Hexachlorobenzene	11.104	284	158114	35.603	ng		97
69) Atrazine	11.180	200	131750	38.065	ng		99
70) Pentachlorophenol	11.292	266	137698	52.723	ng		99
71) Phenanthrene	11.510	178	667316	35.250	ng		100
72) Anthracene	11.563	178	689714	35.722	ng		100
73) Carbazole	11.716	167	599825	35.578	ng		100
74) Di-n-butylphthalate	12.039	149	723076	37.905	ng		100
75) Fluoranthene	12.704	202	648389	37.315	ng		99
77) Benzidine	12.816	184	309526	37.527	ng		98
78) Pyrene	12.933	202	636675	34.846	ng		100
80) Butylbenzylphthalate	13.539	149	247506	44.238	ng		98
81) Benzo(a)anthracene	14.116	228	528958	36.905	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	185332	38.797	ng		99
83) Chrysene	14.157	228	447164	34.700	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	332341	39.245	ng		100
85) Di-n-octyl phthalate	14.716	149	564716	36.790	ng		99
87) Indeno(1,2,3-cd)pyrene	17.186	276	618049	36.384	ng		97
88) Benzo(b)fluoranthene	15.192	252	513789	34.911	ng		99
89) Benzo(k)fluoranthene	15.221	252	469458	35.747	ng		99
90) Benzo(a)pyrene	15.568	252	488959	36.060	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	499022	36.092	ng		98
92) Benzo(g,h,i)perylene	17.651	276	497377	37.188	ng		97

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

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