Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143539.D
Acq On : 21 Aug 2025 19:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 22 01:02:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	110484	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	402251	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	197751	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	266164	20.000	ng		0.00
76) Chrysene-d12	14.098	240	224613	20.000	ng		0.00
86) Perylene-d12	15.592	264	256535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	502829	79.470	ng		0.00
7) Phenol-d6	6.563	99	607545	77.784	ng		-0.01
23) Nitrobenzene-d5	7.487	82	560673	81.337	ng		-0.01
42) 2,4,6-Tribromophenol	10.757	330	131942	71.678	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1001186	83.673	ng		0.00
79) Terphenyl-d14	13.033	244	798863	62.064	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	114523	39.072	ng		99
3) Pyridine	3.510	79	304538	39.009	ng		99
4) n-Nitrosodimethylamine	3.457	42	139889	39.860	ng		97
6) Aniline	6.587	93	401267	38.435	ng	#	84
8) 2-Chlorophenol	6.716	128	275473	39.418	ng		100
9) Benzaldehyde	6.481	77	294783	46.616	ng		100
10) Phenol	6.575	94	354741	39.425	ng		92
11) bis(2-Chloroethyl)ether	6.657	93	260716	38.774	ng		100
12) 1,3-Dichlorobenzene	6.869	146	305256	38.875	ng		99
13) 1,4-Dichlorobenzene	6.945	146	310463	39.416	ng		99
14) 1,2-Dichlorobenzene	7.098	146	290881	39.005	ng		100
15) Benzyl Alcohol	7.069	79	233545	39.937	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.193	45	405626	37.707	ng		85
17) 2-Methylphenol	7.181	107	218625	38.978	ng		96
18) Hexachloroethane	7.440	117	107596	40.177	ng		98
19) n-Nitroso-di-n-propyla...	7.340	70	186353	39.035	ng		99
20) 3+4-Methylphenols	7.334	107	267236	39.911	ng		98
22) Acetophenone	7.334	105	346144	39.831	ng		99
24) Nitrobenzene	7.510	77	292216	41.188	ng		99
25) Isophorone	7.745	82	511518	40.481	ng		100
26) 2-Nitrophenol	7.822	139	144354	41.538	ng		96
27) 2,4-Dimethylphenol	7.863	122	214593	39.611	ng		98
28) bis(2-Chloroethoxy)met...	7.951	93	309875	39.904	ng		100
29) 2,4-Dichlorophenol	8.069	162	227965	39.400	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	235019	39.508	ng		100
31) Naphthalene	8.234	128	758151	39.258	ng		100
32) Benzoic acid	7.975	122	95321	32.943	ng		98
33) 4-Chloroaniline	8.275	127	264368	38.570	ng		99
34) Hexachlorobutadiene	8.351	225	157980	40.705	ng		100
35) Caprolactam	8.639	113	60796	43.789	ng		96
36) 4-Chloro-3-methylphenol	8.763	107	224793	38.769	ng		100
37) 2-Methylnaphthalene	8.922	142	498908	38.680	ng		98
38) 1-Methylnaphthalene	9.022	142	468992	38.013	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	235213	41.583	ng		99
41) Hexachlorocyclopentadiene	9.081	237	80228	40.008	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	146031	41.956	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	152926	40.224	ng	99
46) 1,1'-Biphenyl	9.386	154	586854	41.811	ng	99
47) 2-Chloronaphthalene	9.410	162	451645	41.011	ng	99
48) 2-Nitroaniline	9.504	65	134022	41.582	ng	96
49) Acenaphthylene	9.828	152	637603	40.434	ng	100
50) Dimethylphthalate	9.675	163	527145	44.261	ng	100
51) 2,6-Dinitrotoluene	9.739	165	105458	42.723	ng	96
52) Acenaphthene	9.998	154	425489	39.741	ng	99
53) 3-Nitroaniline	9.916	138	108314	40.609	ng	100
54) 2,4-Dinitrophenol	10.022	184	37584	31.881	ng	92
55) Dibenzofuran	10.169	168	596110	39.052	ng	98
56) 4-Nitrophenol	10.081	139	69103	43.542	ng	96
57) 2,4-Dinitrotoluene	10.145	165	134631	40.847	ng	97
58) Fluorene	10.516	166	450707	38.364	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	106720	37.783	ng	99
60) Diethylphthalate	10.381	149	466799	43.716	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	232448	39.562	ng	99
62) 4-Nitroaniline	10.528	138	96697	39.469	ng	97
63) Azobenzene	10.663	77	431460	38.969	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	48200	32.117	ng	96
66) n-Nitrosodiphenylamine	10.622	169	379520	44.307	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	137974	43.446	ng	97
68) Hexachlorobenzene	11.069	284	139989	40.894	ng	98
69) Atrazine	11.145	200	112914	51.067	ng	99
70) Pentachlorophenol	11.263	266	129625	82.680	ng	99
71) Phenanthrene	11.475	178	569767	39.974	ng	100
72) Anthracene	11.528	178	576813	39.947	ng	100
73) Carbazole	11.680	167	479540	40.531	ng	100
74) Di-n-butylphthalate	12.004	149	568861	51.539	ng	99
75) Fluoranthene	12.669	202	523856	40.959	ng	99
77) Benzidine	12.786	184	195722	35.773	ng	100
78) Pyrene	12.898	202	545878	29.545	ng	99
80) Butylbenzylphthalate	13.504	149	222304	44.044	ng	97
81) Benzo(a)anthracene	14.086	228	565876	39.132	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	174738	42.194	ng	98
83) Chrysene	14.121	228	534990	41.167	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	330969	43.053	ng	100
85) Di-n-octyl phthalate	14.680	149	600507	42.167	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	518934	28.150	ng	99
88) Benzo(b)fluoranthene	15.157	252	605018	42.428	ng	100
89) Benzo(k)fluoranthene	15.186	252	567409	41.559	ng	100
90) Benzo(a)pyrene	15.533	252	534103	40.352	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	429182	29.070	ng	99
92) Benzo(g,h,i)perylene	17.580	276	375504	25.578	ng	99

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

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