Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143984.D
Acq On : 17 Oct 2025 14:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 17 16:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	156623	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	566623	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	278942	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	461614	20.000	ng	0.00
76) Chrysene-d12	14.069	240	286617	20.000	ng	0.00
86) Perylene-d12	15.551	264	311878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	801872	81.301	ng	0.00
7) Phenol-d6	6.510	99	914059	77.751	ng	0.00
23) Nitrobenzene-d5	7.451	82	767518	82.295	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	226809	81.635	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1286763	73.197	ng	0.00
79) Terphenyl-d14	13.004	244	1308721	78.038	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	182945	40.084	ng	97
3) Pyridine	3.405	79	548961	41.316	ng	97
4) n-Nitrosodimethylamine	3.363	42	278029	39.778	ng	95
6) Aniline	6.546	93	671999	38.146	ng	96
8) 2-Chlorophenol	6.669	128	391285	40.585	ng	99
9) Benzaldehyde	6.434	77	372156	41.037	ng	99
10) Phenol	6.528	94	573406	40.798	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	432796	39.863	ng	99
12) 1,3-Dichlorobenzene	6.828	146	447023	38.735	ng	100
13) 1,4-Dichlorobenzene	6.904	146	444550	39.051	ng	99
14) 1,2-Dichlorobenzene	7.051	146	428361	39.285	ng	99
15) Benzyl Alcohol	7.028	79	333987	37.917	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	942813	38.150	ng	100
17) 2-Methylphenol	7.134	107	300923	37.768	ng	99
18) Hexachloroethane	7.398	117	155589	40.983	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	258435	32.115	ng	99
20) 3+4-Methylphenols	7.287	107	327990	35.518	ng	92
22) Acetophenone	7.298	105	431324	36.001	ng	98
24) Nitrobenzene	7.469	77	429240	41.444	ng	98
25) Isophorone	7.704	82	704001	35.799	ng	100
26) 2-Nitrophenol	7.781	139	204473	46.048	ng	99
27) 2,4-Dimethylphenol	7.816	122	305369	38.230	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	443313	35.687	ng	99
29) 2,4-Dichlorophenol	8.022	162	314783	37.833	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	339080	41.438	ng	99
31) Naphthalene	8.193	128	967526	37.537	ng	99
32) Benzoic acid	7.934	122	203083	36.736	ng	96
33) 4-Chloroaniline	8.234	127	342115	35.390	ng	98
34) Hexachlorobutadiene	8.304	225	231323	40.682	ng	99
35) Caprolactam	8.610	113	92289	34.885	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	282692	35.371	ng	98
37) 2-Methylnaphthalene	8.881	142	615393	35.842	ng	99
38) 1-Methylnaphthalene	8.981	142	579247	34.781	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	318829	41.355	ng	97
41) Hexachlorocyclopentadiene	9.034	237	111331	34.808	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	222532	39.505	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	244412	41.058	ng		99
46) 1,1'-Biphenyl	9.345	154	706340	38.246	ng		98
47) 2-Chloronaphthalene	9.369	162	613272	39.827	ng		97
48) 2-Nitroaniline	9.463	65	206912	42.502	ng		99
49) Acenaphthylene	9.787	152	824641	38.094	ng		99
50) Dimethylphthalate	9.639	163	686911	38.778	ng		99
51) 2,6-Dinitrotoluene	9.704	165	150191	45.724	ng		96
52) Acenaphthene	9.957	154	546398	38.520	ng		100
53) 3-Nitroaniline	9.875	138	168048	41.782	ng		97
54) 2,4-Dinitrophenol	9.986	184	69751	38.380	ng		93
55) Dibenzofuran	10.134	168	768388	38.374	ng		97
56) 4-Nitrophenol	10.034	139	115766	38.015	ng		97
57) 2,4-Dinitrotoluene	10.110	165	196974	44.073	ng		97
58) Fluorene	10.475	166	572032	37.860	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	165942	39.380	ng	#	96
60) Diethylphthalate	10.345	149	625668	38.019	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	310943	38.926	ng		100
62) 4-Nitroaniline	10.492	138	156780	40.536	ng		94
63) Azobenzene	10.628	77	667677	38.820	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	110141	47.480	ng		97
66) n-Nitrosodiphenylamine	10.586	169	568648	39.233	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	205930	40.366	ng		98
68) Hexachlorobenzene	11.022	284	239195	40.500	ng		99
69) Atrazine	11.110	200	169754	38.641	ng		97
70) Pentachlorophenol	11.222	266	127614	37.622	ng		97
71) Phenanthrene	11.439	178	864978	38.651	ng		100
72) Anthracene	11.492	178	872658	38.599	ng		99
73) Carbazole	11.645	167	762337	38.072	ng		99
74) Di-n-butylphthalate	11.975	149	930145	40.081	ng		99
75) Fluoranthene	12.633	202	891783	38.579	ng		99
77) Benzidine	12.757	184	328763	33.035	ng		98
78) Pyrene	12.863	202	908439	38.018	ng		99
80) Butylbenzylphthalate	13.480	149	333959	43.034	ng		98
81) Benzo(a)anthracene	14.057	228	756604	40.339	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	240929	42.150	ng		98
83) Chrysene	14.092	228	701361	40.402	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	433781	46.371	ng		99
85) Di-n-octyl phthalate	14.657	149	754279	49.093	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	849811	44.469	ng		99
88) Benzo(b)fluoranthene	15.116	252	702798	39.229	ng		99
89) Benzo(k)fluoranthene	15.145	252	657259	39.648	ng		99
90) Benzo(a)pyrene	15.486	252	628775	40.477	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	673892	43.846	ng		98
92) Benzo(g,h,i)perylene	17.515	276	674970	43.916	ng		99

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

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