Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
Data File : BF143623.D
Acq On : 03 Sep 2025 13:02
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 03 18:11:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 17:40:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	90543	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	349190	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	194163	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	303670	20.000	ng		0.00
76) Chrysene-d12	14.051	240	187280	20.000	ng		0.00
86) Perylene-d12	15.521	264	190160	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	368242	72.050	ng		0.00
7) Phenol-d6	6.510	99	506950	79.918	ng		0.00
23) Nitrobenzene-d5	7.451	82	361059	72.673	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	112790	69.467	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	958704	78.886	ng		0.00
79) Terphenyl-d14	12.998	244	880075	78.300	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	102334	42.438	ng		99
3) Pyridine	3.434	79	268167	41.975	ng		100
4) n-Nitrosodimethylamine	3.381	42	109577	41.297	ng	#	89
6) Aniline	6.551	93	359506	40.715	ng		98
8) 2-Chlorophenol	6.675	128	179018	33.822	ng		99
9) Benzaldehyde	6.445	77	201374	42.726	ng		99
10) Phenol	6.522	94	292679	42.081	ng		100
11) bis(2-Chloroethyl)ether	6.628	93	224360	41.192	ng		100
12) 1,3-Dichlorobenzene	6.834	146	266233	40.757	ng		99
13) 1,4-Dichlorobenzene	6.910	146	265362	40.503	ng		99
14) 1,2-Dichlorobenzene	7.063	146	253833	40.937	ng		99
15) Benzyl Alcohol	7.028	79	178094	36.948	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	360068	42.004	ng		99
17) 2-Methylphenol	7.134	107	182228	39.377	ng		99
18) Hexachloroethane	7.404	117	77840	38.083	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	155952	38.607	ng		99
20) 3+4-Methylphenols	7.286	107	230842	39.626	ng		95
22) Acetophenone	7.298	105	314338	39.806	ng		99
24) Nitrobenzene	7.475	77	199485	37.552	ng		93
25) Isophorone	7.710	82	450464	40.235	ng		100
26) 2-Nitrophenol	7.786	139	53385	27.429	ng		99
27) 2,4-Dimethylphenol	7.816	122	189554	38.888	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	277640	40.565	ng		99
29) 2,4-Dichlorophenol	8.022	162	177944	37.202	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	208908	40.077	ng		99
31) Naphthalene	8.192	128	685972	40.162	ng		100
32) Benzoic acid	7.910	122	53160	22.823	ng		99
33) 4-Chloroaniline	8.239	127	243908	41.242	ng		99
34) Hexachlorobutadiene	8.310	225	135162	39.862	ng		98
35) Caprolactam	8.610	113	43760	34.139	ng		96
36) 4-Chloro-3-methylphenol	8.710	107	198858	39.703	ng		100
37) 2-Methylnaphthalene	8.886	142	463699	40.136	ng		99
38) 1-Methylnaphthalene	8.986	142	437731	39.629	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	212734	39.644	ng		100
41) Hexachlorocyclopentadiene	9.039	237	93110	35.732	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	116240	35.160	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	128645	37.691	ng		98
46) 1,1'-Biphenyl	9.351	154	553861	40.109	ng		100
47) 2-Chloronaphthalene	9.375	162	433933	40.154	ng		99
48) 2-Nitroaniline	9.463	65	81835	29.244	ng		97
49) Acenaphthylene	9.786	152	625878	40.187	ng		100
50) Dimethylphthalate	9.645	163	478421	38.913	ng		100
51) 2,6-Dinitrotoluene	9.704	165	59524	28.311	ng		87
52) Acenaphthene	9.963	154	408467	39.208	ng		100
53) 3-Nitroaniline	9.875	138	75541	31.584	ng	#	99
54) 2,4-Dinitrophenol	9.975	184	15754	26.144	ng	#	17
55) Dibenzofuran	10.133	168	605027	39.974	ng		99
56) 4-Nitrophenol	10.016	139	58085	31.864	ng		95
57) 2,4-Dinitrotoluene	10.104	165	84986	33.719	ng		94
58) Fluorene	10.474	166	464719	39.695	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	90547	34.932	ng		98
60) Diethylphthalate	10.345	149	459113	39.335	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	229766	39.332	ng		100
62) 4-Nitroaniline	10.486	138	76999	32.837	ng		97
63) Azobenzene	10.627	77	440856	40.070	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	27125	25.857	ng		95
66) n-Nitrosodiphenylamine	10.586	169	396968	40.501	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	142231	40.384	ng		99
68) Hexachlorobenzene	11.022	284	147106	39.764	ng		99
69) Atrazine	11.110	200	116567	39.780	ng		97
70) Pentachlorophenol	11.210	266	69179	33.289	ng		99
71) Phenanthrene	11.439	178	662743	40.360	ng		99
72) Anthracene	11.486	178	675696	41.029	ng		100
73) Carbazole	11.639	167	562921	40.552	ng		100
74) Di-n-butylphthalate	11.974	149	624051	40.039	ng		100
75) Fluoranthene	12.621	202	604457	40.081	ng		98
77) Benzidine	12.745	184	182436	42.578	ng		100
78) Pyrene	12.851	202	622149	40.259	ng		100
80) Butylbenzylphthalate	13.468	149	149022	31.488	ng		92
81) Benzo(a)anthracene	14.039	228	474955	39.154	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	134977	40.819	ng		99
83) Chrysene	14.074	228	444722	40.785	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	221688	33.030	ng		99
85) Di-n-octyl phthalate	14.645	149	367788	33.100	ng		97
87) Indeno(1,2,3-cd)pyrene	17.015	276	550618	41.535	ng		99
88) Benzo(b)fluoranthene	15.092	252	425577	37.146	ng		99
89) Benzo(k)fluoranthene	15.121	252	446357	45.050	ng		99
90) Benzo(a)pyrene	15.462	252	409414	41.572	ng		100
91) Dibenzo(a,h)anthracene	17.039	278	450457	41.312	ng		99
92) Benzo(g,h,i)perylene	17.468	276	436671	41.574	ng		99

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

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