Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
Data File : BF142800.D
Acq On : 23 Jun 2025 11:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 24 06:38:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	90995	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	344459	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	182077	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	307325	20.000	ng	0.00
76) Chrysene-d12	14.057	240	161892	20.000	ng	0.00
86) Perylene-d12	15.545	264	164033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	461426	84.427	ng	0.00
7) Phenol-d6	6.510	99	549525	85.223	ng	0.00
23) Nitrobenzene-d5	7.451	82	536855	85.487	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	165842	88.511	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1108116	79.950	ng	0.00
79) Terphenyl-d14	12.998	244	1030468	87.947	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	94539	43.247	ng	99
3) Pyridine	3.422	79	243297	44.395	ng	98
4) n-Nitrosodimethylamine	3.381	42	122519	43.232	ng	96
6) Aniline	6.546	93	368279	42.924	ng	99
8) 2-Chlorophenol	6.663	128	252623	42.849	ng	100
9) Benzaldehyde	6.434	77	146196	38.216	ng	100
10) Phenol	6.528	94	310586	43.332	ng	91
11) bis(2-Chloroethyl)ether	6.616	93	221438	43.226	ng	98
12) 1,3-Dichlorobenzene	6.822	146	282821	42.894	ng	100
13) 1,4-Dichlorobenzene	6.898	146	283767	42.656	ng	99
14) 1,2-Dichlorobenzene	7.051	146	268477	42.550	ng	98
15) Benzyl Alcohol	7.022	79	202832	43.512	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	343677	41.757	ng	99
17) 2-Methylphenol	7.134	107	193415	43.291	ng	99
18) Hexachloroethane	7.393	117	98240	42.221	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	158999	42.397	ng	97
20) 3+4-Methylphenols	7.287	107	241910	43.427	ng	95
22) Acetophenone	7.293	105	322756	42.491	ng	99
24) Nitrobenzene	7.469	77	240796	42.364	ng	97
25) Isophorone	7.704	82	431762	42.859	ng	100
26) 2-Nitrophenol	7.781	139	138094	44.600	ng	99
27) 2,4-Dimethylphenol	7.816	122	230461	42.970	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	272231	42.506	ng	100
29) 2,4-Dichlorophenol	8.022	162	209031	42.984	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	226488	42.355	ng	99
31) Naphthalene	8.187	128	718243	42.599	ng	100
32) Benzoic acid	7.934	122	125474	45.901	ng	97
33) 4-Chloroaniline	8.234	127	295206	43.059	ng	100
34) Hexachlorobutadiene	8.304	225	138574	42.366	ng	100
35) Caprolactam	8.610	113	59724	46.542	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	209800	43.410	ng	99
37) 2-Methylnaphthalene	8.881	142	441136	42.202	ng	100
38) 1-Methylnaphthalene	8.981	142	455034	42.052	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	224594	41.804	ng	99
41) Hexachlorocyclopentadiene	9.034	237	137818	45.204	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	151445	43.259	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	154285	41.865	ng	99
46) 1,1'-Biphenyl	9.345	154	595765	41.421	ng	100
47) 2-Chloronaphthalene	9.369	162	449614	41.656	ng	99
48) 2-Nitroaniline	9.463	65	133311	44.055	ng	100
49) Acenaphthylene	9.787	152	746294	42.001	ng	100
50) Dimethylphthalate	9.645	163	509320	43.214	ng	100
51) 2,6-Dinitrotoluene	9.710	165	113553	43.872	ng	96
52) Acenaphthene	9.957	154	459758	42.410	ng	99
53) 3-Nitroaniline	9.881	138	127387	44.701	ng	98
54) 2,4-Dinitrophenol	9.986	184	60225	46.470	ng	96
55) Dibenzofuran	10.128	168	650976	41.875	ng	100
56) 4-Nitrophenol	10.034	139	91402	46.850	ng	99
57) 2,4-Dinitrotoluene	10.110	165	153980	44.787	ng	98
58) Fluorene	10.475	166	507306	41.785	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	129224	43.502	ng	96
60) Diethylphthalate	10.345	149	501084	43.362	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	241223	41.637	ng	99
62) 4-Nitroaniline	10.492	138	122025	46.820	ng	98
63) Azobenzene	10.622	77	441435	42.741	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	83228	44.773	ng	97
66) n-Nitrosodiphenylamine	10.581	169	441701	41.470	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	148287	42.396	ng	99
68) Hexachlorobenzene	11.022	284	163746	42.132	ng	99
69) Atrazine	11.110	200	126753	46.084	ng	99
70) Pentachlorophenol	11.216	266	86692	44.764	ng	99
71) Phenanthrene	11.439	178	692230	41.581	ng	99
72) Anthracene	11.492	178	720158	42.179	ng	100
73) Carbazole	11.645	167	634023	43.031	ng	100
74) Di-n-butylphthalate	11.969	149	706255	46.013	ng	100
75) Fluoranthene	12.628	202	684222	43.306	ng	100
77) Benzidine	12.745	184	277823	45.676	ng	100
78) Pyrene	12.857	202	682269	44.961	ng	99
80) Butylbenzylphthalate	13.475	149	199538	45.331	ng	96
81) Benzo(a)anthracene	14.045	228	452209	41.406	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	144009	40.653	ng	99
83) Chrysene	14.086	228	429370	44.059	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	246346	38.897	ng	99
85) Di-n-octyl phthalate	14.645	149	430758	36.071	ng	100
87) Indeno(1,2,3-cd)pyrene	17.063	276	519568	41.585	ng	99
88) Benzo(b)fluoranthene	15.110	252	389603	41.047	ng	99
89) Benzo(k)fluoranthene	15.139	252	410162	46.188	ng	100
90) Benzo(a)pyrene	15.486	252	391645	42.711	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	417280	41.104	ng	99
92) Benzo(g,h,i)perylene	17.515	276	415699	41.065	ng	100

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

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