Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050625\
Data File : BF142306.D
Acq On : 06 May 2025 10:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 06 11:05:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	224770	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	880921	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	466562	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	802707	20.000	ng	0.00
76) Chrysene-d12	14.074	240	482771	20.000	ng	0.00
86) Perylene-d12	15.562	264	438493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1014143	77.022	ng	0.00
7) Phenol-d6	6.522	99	1228305	75.848	ng	0.00
23) Nitrobenzene-d5	7.469	82	1165534	80.691	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	368192	81.737	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2333802	71.324	ng	0.00
79) Terphenyl-d14	13.015	244	2431845	74.557	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	225497	38.031	ng	100
3) Pyridine	3.451	79	579696	41.642	ng	99
4) n-Nitrosodimethylamine	3.404	42	312160	38.582	ng	100
6) Aniline	6.569	93	711125	44.769	ng	100
8) 2-Chlorophenol	6.686	128	552125	39.240	ng	99
9) Benzaldehyde	6.457	77	312289	32.948	ng	99
10) Phenol	6.539	94	664945m	38.736	ng	
11) bis(2-Chloroethyl)ether	6.639	93	592737	35.015	ng	100
12) 1,3-Dichlorobenzene	6.845	146	609630	37.872	ng	100
13) 1,4-Dichlorobenzene	6.922	146	610677	37.784	ng	100
14) 1,2-Dichlorobenzene	7.075	146	583087	37.585	ng	99
15) Benzyl Alcohol	7.045	79	427083	40.727	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	949234	37.550	ng	99
17) 2-Methylphenol	7.151	107	437403	38.398	ng	100
18) Hexachloroethane	7.422	117	208607	38.792	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	380551	37.990	ng	99
20) 3+4-Methylphenols	7.304	107	544369	38.290	ng	100
22) Acetophenone	7.316	105	722827	36.904	ng	99
24) Nitrobenzene	7.486	77	542652	39.855	ng	99
25) Isophorone	7.728	82	1034977	37.838	ng	100
26) 2-Nitrophenol	7.804	139	234113	36.722	ng	100
27) 2,4-Dimethylphenol	7.833	122	532986	38.757	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	658356	37.432	ng	100
29) 2,4-Dichlorophenol	8.039	162	464741	39.750	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	493412	37.499	ng	100
31) Naphthalene	8.210	128	1594721	37.352	ng	100
32) Benzoic acid	7.939	122	261611m	38.149	ng	
33) 4-Chloroaniline	8.257	127	694625m	39.872	ng	
34) Hexachlorobutadiene	8.328	225	296105	38.004	ng	99
35) Caprolactam	8.622	113	144201	42.319	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	466342	38.371	ng	99
37) 2-Methylnaphthalene	8.898	142	997590	37.603	ng	100
38) 1-Methylnaphthalene	9.004	142	1030743	37.277	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	489407	37.558	ng	99
41) Hexachlorocyclopentadiene	9.057	237	313641	38.946	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	331584	40.342	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	349850	40.004	ng	99
46) 1,1'-Biphenyl	9.369	154	1339515	37.445	ng	99
47) 2-Chloronaphthalene	9.392	162	993077	37.329	ng	100
48) 2-Nitroaniline	9.480	65	293422	43.030	ng	99
49) Acenaphthylene	9.804	152	1676719	37.675	ng	99
50) Dimethylphthalate	9.663	163	1159934	38.717	ng	100
51) 2,6-Dinitrotoluene	9.722	165	238823	42.588	ng	100
52) Acenaphthene	9.980	154	1001179	37.414	ng	99
53) 3-Nitroaniline	9.898	138	280370	42.629	ng	96
54) 2,4-Dinitrophenol	9.992	184	95762	37.176	ng	97
55) Dibenzofuran	10.151	168	1477779	37.419	ng	100
56) 4-Nitrophenol	10.039	139	214095	43.252	ng	99
57) 2,4-Dinitrotoluene	10.127	165	313429	43.572	ng	98
58) Fluorene	10.492	166	1119603	37.148	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	299545	41.491	ng	99
60) Diethylphthalate	10.363	149	1153569	38.556	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	543671	37.389	ng	100
62) 4-Nitroaniline	10.504	138	210957	40.470	ng	99
63) Azobenzene	10.645	77	1092723	38.220	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	132706	37.342	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1001851	37.507	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	347659	38.215	ng	99
68) Hexachlorobenzene	11.039	284	377584	37.732	ng	99
69) Atrazine	11.127	200	290541	41.264	ng	99
70) Pentachlorophenol	11.227	266	221055	41.991	ng	97
71) Phenanthrene	11.457	178	1581000	37.575	ng	100
72) Anthracene	11.510	178	1615431	37.366	ng	100
73) Carbazole	11.657	167	1491550	38.455	ng	100
74) Di-n-butylphthalate	11.992	149	1668486	40.909	ng	100
75) Fluoranthene	12.645	202	1635720	38.890	ng	100
77) Benzidine	12.768	184	459582	52.384	ng	99
78) Pyrene	12.874	202	1617340	37.638	ng	100
80) Butylbenzylphthalate	13.492	149	484672	39.361	ng	99
81) Benzo(a)anthracene	14.062	228	1186361	37.946	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	287456	39.537	ng	99
83) Chrysene	14.098	228	1075846	36.964	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	570947	36.112	ng	99
85) Di-n-octyl phthalate	14.668	149	971496	35.445	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1203831	39.466	ng	99
88) Benzo(b)fluoranthene	15.121	252	1051060	39.577	ng	99
89) Benzo(k)fluoranthene	15.151	252	877760	36.116	ng	99
90) Benzo(a)pyrene	15.498	252	933510	39.226	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	996536	39.545	ng	100
92) Benzo(g,h,i)perylene	17.527	276	972366	38.877	ng	100

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

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