Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142391.D
Acq On : 15 May 2025 13:58
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: May 15 14:49:05 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	165693	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	627892	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	329169	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	556891	20.000	ng	0.00
76) Chrysene-d12	14.063	240	288492	20.000	ng	0.00
86) Perylene-d12	15.557	264	322668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	797453	82.159	ng	0.00
7) Phenol-d6	6.528	99	959335	80.360	ng	0.00
23) Nitrobenzene-d5	7.469	82	913864	88.764	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	292651	92.085	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1759664	76.224	ng	0.00
79) Terphenyl-d14	13.010	244	1595908	81.878	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	169630	38.809	ng	97
3) Pyridine	3.446	79	435405	42.429	ng	97
4) n-Nitrosodimethylamine	3.399	42	228349	38.286	ng	96
6) Aniline	6.563	93	634680	54.203	ng	99
8) 2-Chlorophenol	6.687	128	435861	42.022	ng	97
9) Benzaldehyde	6.451	77	269299	38.543	ng	100
10) Phenol	6.540	94	543482	42.948	ng	97
11) bis(2-Chloroethyl)ether	6.640	93	388497	31.132	ng	98
12) 1,3-Dichlorobenzene	6.845	146	469836	39.594	ng	98
13) 1,4-Dichlorobenzene	6.922	146	472299	39.641	ng	99
14) 1,2-Dichlorobenzene	7.075	146	451558	39.485	ng	99
15) Benzyl Alcohol	7.039	79	341363	44.159	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	671161	36.016	ng	99
17) 2-Methylphenol	7.151	107	335185	39.916	ng	99
18) Hexachloroethane	7.416	117	163112	41.147	ng	100
19) n-Nitroso-di-n-propyla...	7.316	70	277148	37.532	ng	98
20) 3+4-Methylphenols	7.304	107	421993	40.266	ng	92
22) Acetophenone	7.310	105	541495	38.787	ng	95
24) Nitrobenzene	7.487	77	420414	43.320	ng	97
25) Isophorone	7.722	82	746092	38.269	ng	99
26) 2-Nitrophenol	7.798	139	229292	48.931	ng	99
27) 2,4-Dimethylphenol	7.834	122	401232	40.934	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	467200	37.268	ng	99
29) 2,4-Dichlorophenol	8.039	162	355863	42.703	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	377066	40.205	ng	99
31) Naphthalene	8.210	128	1203630	39.552	ng	100
32) Benzoic acid	7.939	122	253688	48.196	ng	99
33) 4-Chloroaniline	8.251	127	494386	39.814	ng	99
34) Hexachlorobutadiene	8.322	225	228906	41.218	ng	99
35) Caprolactam	8.622	113	108318	44.599	ng	93
36) 4-Chloro-3-methylphenol	8.728	107	354797	40.957	ng	100
37) 2-Methylnaphthalene	8.898	142	739060	39.084	ng	99
38) 1-Methylnaphthalene	8.998	142	765722	38.852	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	374052	40.687	ng	98
41) Hexachlorocyclopentadiene	9.051	237	258074	45.422	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	257221	44.357	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	263184	42.655	ng		99
46) 1,1'-Biphenyl	9.363	154	982857	38.942	ng		99
47) 2-Chloronaphthalene	9.386	162	743800	39.628	ng		99
48) 2-Nitroaniline	9.480	65	231469	48.112	ng		93
49) Acenaphthylene	9.804	152	1240865	39.520	ng		100
50) Dimethylphthalate	9.657	163	840785	39.778	ng		100
51) 2,6-Dinitrotoluene	9.722	165	186028	47.019	ng		89
52) Acenaphthene	9.975	154	755546	40.019	ng		100
53) 3-Nitroaniline	9.892	138	214345	46.193	ng		93
54) 2,4-Dinitrophenol	9.992	184	104835	53.459	ng	#	12
55) Dibenzofuran	10.145	168	1087881	39.044	ng		100
56) 4-Nitrophenol	10.039	139	170308	48.767	ng		96
57) 2,4-Dinitrotoluene	10.122	165	253558	49.962	ng		94
58) Fluorene	10.486	166	827290	38.906	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	223425	43.865	ng		97
60) Diethylphthalate	10.357	149	801876	37.988	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	400075	38.998	ng		99
62) 4-Nitroaniline	10.504	138	193006	52.481	ng		97
63) Azobenzene	10.639	77	745907	36.980	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	133682	50.973	ng		98
66) n-Nitrosodiphenylamine	10.598	169	728940	39.336	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	249452	39.524	ng		98
68) Hexachlorobenzene	11.033	284	279630	40.278	ng		98
69) Atrazine	11.122	200	204381	41.840	ng		99
70) Pentachlorophenol	11.227	266	178385	48.843	ng		99
71) Phenanthrene	11.451	178	1140799	39.081	ng		100
72) Anthracene	11.504	178	1182631	39.429	ng		99
73) Carbazole	11.657	167	1055338	39.219	ng		100
74) Di-n-butylphthalate	11.986	149	1094163	38.669	ng		99
75) Fluoranthene	12.639	202	1108935	38.003	ng		99
77) Benzidine	12.757	184	343850	65.586	ng		98
78) Pyrene	12.869	202	1090362	42.462	ng		100
80) Butylbenzylphthalate	13.486	149	288328	39.201	ng		98
81) Benzo(a)anthracene	14.057	228	770111	41.220	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	240994	55.468	ng		100
83) Chrysene	14.092	228	669868	38.515	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	363177	38.167	ng		99
85) Di-n-octyl phthalate	14.657	149	723835	42.259	ng		98
87) Indeno(1,2,3-cd)pyrene	17.062	276	957618	42.664	ng		99
88) Benzo(b)fluoranthene	15.115	252	796168	40.740	ng		99
89) Benzo(k)fluoranthene	15.145	252	618596	34.589	ng		100
90) Benzo(a)pyrene	15.492	252	710974	40.599	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	769936	41.520	ng		99
92) Benzo(g,h,i)perylene	17.515	276	766601	41.653	ng		98

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

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