Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142464.D
Acq On : 19 May 2025 21:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: May 20 02:24:08 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	79694	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	307702	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	169570	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	285333	20.000	ng	0.00
76) Chrysene-d12	14.068	240	209061	20.000	ng	0.00
86) Perylene-d12	15.562	264	178925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	392247	84.021	ng	0.00
7) Phenol-d6	6.528	99	474434	82.628	ng	0.00
23) Nitrobenzene-d5	7.469	82	466330	92.428	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	145748	89.025	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	994708	83.643	ng	0.00
79) Terphenyl-d14	13.016	244	987592	69.919	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	74302	35.343	ng	97
3) Pyridine	3.404	79	198470	40.210	ng	99
4) n-Nitrosodimethylamine	3.363	42	106032	36.962	ng	98
6) Aniline	6.569	93	313073	55.589	ng	99
8) 2-Chlorophenol	6.687	128	212617	42.619	ng	97
9) Benzaldehyde	6.457	77	141010	41.960	ng	98
10) Phenol	6.540	94	266580	43.799	ng	93
11) bis(2-Chloroethyl)ether	6.640	93	186551	31.081	ng	98
12) 1,3-Dichlorobenzene	6.845	146	237215	41.563	ng	99
13) 1,4-Dichlorobenzene	6.922	146	234314	40.889	ng	99
14) 1,2-Dichlorobenzene	7.075	146	228269	41.500	ng	100
15) Benzyl Alcohol	7.039	79	176290	47.415	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	309174	34.494	ng	98
17) 2-Methylphenol	7.151	107	167242	41.408	ng	98
18) Hexachloroethane	7.416	117	78560	41.203	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	139565	39.295	ng	96
20) 3+4-Methylphenols	7.304	107	214425	42.538	ng	94
22) Acetophenone	7.310	105	275687	40.296	ng	95
24) Nitrobenzene	7.487	77	211400	44.450	ng	98
25) Isophorone	7.722	82	376324	39.389	ng	99
26) 2-Nitrophenol	7.798	139	104238	45.687	ng	97
27) 2,4-Dimethylphenol	7.834	122	198200	41.261	ng	96
28) bis(2-Chloroethoxy)met...	7.934	93	235122	38.272	ng	100
29) 2,4-Dichlorophenol	8.039	162	182404	44.665	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	193542	42.110	ng	99
31) Naphthalene	8.210	128	626120	41.985	ng	99
32) Benzoic acid	7.922	122	95728	39.512	ng	93
33) 4-Chloroaniline	8.257	127	259151	42.587	ng	99
34) Hexachlorobutadiene	8.328	225	119860	44.042	ng	99
35) Caprolactam	8.616	113	54491	45.783	ng	92
36) 4-Chloro-3-methylphenol	8.728	107	183684	43.268	ng	99
37) 2-Methylnaphthalene	8.898	142	388857	41.963	ng	99
38) 1-Methylnaphthalene	8.998	142	403308	41.757	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	195143	41.205	ng	99
41) Hexachlorocyclopentadiene	9.051	237	59658	20.383	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	129821	43.458	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	136085	42.815	ng		99
46) 1,1'-Biphenyl	9.363	154	529810	40.749	ng		98
47) 2-Chloronaphthalene	9.386	162	397185	41.078	ng		99
48) 2-Nitroaniline	9.480	65	121957	49.209	ng		94
49) Acenaphthylene	9.804	152	673901	41.663	ng		99
50) Dimethylphthalate	9.657	163	470069	43.171	ng		100
51) 2,6-Dinitrotoluene	9.722	165	99511	48.824	ng		92
52) Acenaphthene	9.975	154	383398	39.421	ng		98
53) 3-Nitroaniline	9.892	138	117401	49.114	ng		95
54) 2,4-Dinitrophenol	9.992	184	9841	16.007	ng	#	41
55) Dibenzofuran	10.145	168	585725	40.807	ng		98
56) 4-Nitrophenol	10.039	139	81872	45.509	ng		98
57) 2,4-Dinitrotoluene	10.122	165	133857	51.200	ng		96
58) Fluorene	10.492	166	453289	41.381	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	111375	42.447	ng		100
60) Diethylphthalate	10.357	149	472497	43.452	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	220736	41.768	ng		97
62) 4-Nitroaniline	10.504	138	114844	60.619	ng		96
63) Azobenzene	10.639	77	403510	38.833	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	19053	19.366	ng		96
66) n-Nitrosodiphenylamine	10.598	169	406479	42.811	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	136280	42.143	ng		97
68) Hexachlorobenzene	11.039	284	145840	41.000	ng		97
69) Atrazine	11.122	200	126405	50.505	ng		99
70) Pentachlorophenol	11.227	266	77234	41.273	ng		98
71) Phenanthrene	11.451	178	615962	41.184	ng		100
72) Anthracene	11.504	178	638529	41.550	ng		99
73) Carbazole	11.657	167	584398	42.386	ng		100
74) Di-n-butylphthalate	11.986	149	714290	49.269	ng		99
75) Fluoranthene	12.639	202	633671	42.384	ng		98
77) Benzidine	12.763	184	297026	78.181	ng		97
78) Pyrene	12.869	202	628184	33.758	ng		99
80) Butylbenzylphthalate	13.486	149	271203	49.792	ng		98
81) Benzo(a)anthracene	14.057	228	573942	42.392	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	191735	60.897	ng		99
83) Chrysene	14.098	228	498108	39.520	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	359947	50.641	ng		99
85) Di-n-octyl phthalate	14.663	149	604888	47.531	ng		96
87) Indeno(1,2,3-cd)pyrene	17.068	276	363019	29.166	ng		97
88) Benzo(b)fluoranthene	15.121	252	521310	48.106	ng		98
89) Benzo(k)fluoranthene	15.151	252	422358	42.589	ng		99
90) Benzo(a)pyrene	15.498	252	417146	42.957	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	300813	29.254	ng		97
92) Benzo(g,h,i)perylene	17.521	276	271832	26.635	ng		96

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

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