Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142023.D
Acq On : 21 Mar 2025 11:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 21 20:15:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	195199	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	720872	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	388500	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	587785	20.000	ng		0.00
76) Chrysene-d12	14.039	240	376427	20.000	ng		0.00
86) Perylene-d12	15.510	264	434018	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	891631	76.235	ng		0.00
7) Phenol-d6	6.504	99	1084709	72.841	ng		0.00
23) Nitrobenzene-d5	7.440	82	997237	77.851	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	373436	75.769	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1979770	77.500	ng		0.00
79) Terphenyl-d14	12.980	244	1738821	68.294	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	185904	37.935	ng		98
3) Pyridine	3.399	79	436086	36.278	ng		97
4) n-Nitrosodimethylamine	3.352	42	206275	35.998	ng		97
6) Aniline	6.540	93	512296	34.873	ng		99
8) 2-Chlorophenol	6.663	128	485044	37.393	ng		99
9) Benzaldehyde	6.428	77	362479	43.523	ng		99
10) Phenol	6.516	94	571326	36.469	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	422617	35.926	ng		98
12) 1,3-Dichlorobenzene	6.816	146	534169	38.143	ng		99
13) 1,4-Dichlorobenzene	6.893	146	535925	37.823	ng		99
14) 1,2-Dichlorobenzene	7.051	146	503928	37.759	ng		98
15) Benzyl Alcohol	7.016	79	437054	36.304	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	463529	32.639	ng		98
17) 2-Methylphenol	7.122	107	370173	35.891	ng		99
18) Hexachloroethane	7.387	117	199062	37.464	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	314900	32.910	ng		98
20) 3+4-Methylphenols	7.281	107	466532	35.315	ng	#	85
22) Acetophenone	7.287	105	650103	37.658	ng		99
24) Nitrobenzene	7.457	77	491128	38.567	ng		99
25) Isophorone	7.698	82	816476	36.059	ng		99
26) 2-Nitrophenol	7.775	139	262932	42.069	ng		99
27) 2,4-Dimethylphenol	7.804	122	318733	37.036	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	518397	36.502	ng		100
29) 2,4-Dichlorophenol	8.016	162	413237	38.685	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	460936	39.155	ng		98
31) Naphthalene	8.181	128	1400846	37.830	ng		100
32) Benzoic acid	7.922	122	314273	41.543	ng		98
33) 4-Chloroaniline	8.228	127	469993	35.954	ng		99
34) Hexachlorobutadiene	8.298	225	308153	40.139	ng		99
35) Caprolactam	8.598	113	111785	34.325	ng		93
36) 4-Chloro-3-methylphenol	8.704	107	443706	37.237	ng		98
37) 2-Methylnaphthalene	8.869	142	911205	36.814	ng		99
38) 1-Methylnaphthalene	8.969	142	882823	36.962	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	479575	40.545	ng		99
41) Hexachlorocyclopentadiene	9.022	237	180465	38.985	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	298107	38.564	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	312093	39.863	ng		99
46) 1,1'-Biphenyl	9.334	154	1138712	38.576	ng		99
47) 2-Chloronaphthalene	9.363	162	851676	38.709	ng		99
48) 2-Nitroaniline	9.451	65	238385	37.421	ng		100
49) Acenaphthylene	9.775	152	1231873	37.730	ng		100
50) Dimethylphthalate	9.634	163	987628	36.302	ng		100
51) 2,6-Dinitrotoluene	9.698	165	215137	37.980	ng		92
52) Acenaphthene	9.945	154	892905	38.915	ng		100
53) 3-Nitroaniline	9.863	138	201882	35.135	ng		98
54) 2,4-Dinitrophenol	9.969	184	114917	39.346	ng	#	53
55) Dibenzofuran	10.122	168	1227283	37.434	ng		98
56) 4-Nitrophenol	10.016	139	153305	35.380	ng		97
57) 2,4-Dinitrotoluene	10.098	165	280251	37.880	ng		99
58) Fluorene	10.463	166	930208	36.792	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	272994	38.319	ng		96
60) Diethylphthalate	10.334	149	966922	35.644	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	491077	37.255	ng		98
62) 4-Nitroaniline	10.475	138	186083	33.265	ng		98
63) Azobenzene	10.610	77	876614	34.758	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	155358	44.337	ng		99
66) n-Nitrosodiphenylamine	10.569	169	771242	40.547	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	303878	41.165	ng		96
68) Hexachlorobenzene	11.010	284	339618	41.948	ng		95
69) Atrazine	11.092	200	233634	40.067	ng		100
70) Pentachlorophenol	11.198	266	208968	41.891	ng		99
71) Phenanthrene	11.422	178	1221432	38.473	ng		100
72) Anthracene	11.475	178	1223829	38.423	ng		100
73) Carbazole	11.628	167	983615	35.808	ng		100
74) Di-n-butylphthalate	11.957	149	1289158	35.369	ng		99
75) Fluoranthene	12.610	202	1144079	33.972	ng		100
77) Benzidine	12.733	184	254972	48.549	ng		99
78) Pyrene	12.839	202	1137297	34.928	ng		99
80) Butylbenzylphthalate	13.457	149	429733	33.719	ng		97
81) Benzo(a)anthracene	14.027	228	920325	37.258	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	298690	41.843	ng		100
83) Chrysene	14.063	228	873034	38.991	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	599082	34.093	ng		100
85) Di-n-octyl phthalate	14.627	149	1025700	41.951	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	1001513	35.672	ng		97
88) Benzo(b)fluoranthene	15.080	252	980136	32.950	ng		99
89) Benzo(k)fluoranthene	15.110	252	811822	31.892	ng		99
90) Benzo(a)pyrene	15.451	252	866513	37.229	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	805222	34.761	ng		98
92) Benzo(g,h,i)perylene	17.457	276	805578	35.191	ng		97

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

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