Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141193.D
Acq On : 17 Jan 2025 15:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 17 15:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	176385	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	697922	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	382539	20.000	ng		-0.02
64) Phenanthrene-d10	11.328	188	649888	20.000	ng		-0.02
76) Chrysene-d12	13.969	240	410187	20.000	ng		-0.02
86) Perylene-d12	15.427	264	390771	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	847865	74.257	ng		-0.01
7) Phenol-d6	6.440	99	1075051	74.330	ng		0.00
23) Nitrobenzene-d5	7.375	82	976182	74.143	ng		-0.01
42) 2,4,6-Tribromophenol	10.633	330	338340	77.623	ng		-0.02
45) 2-Fluorobiphenyl	9.169	172	1828981	73.010	ng		-0.01
79) Terphenyl-d14	12.916	244	2022264	73.276	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	183959	36.180	ng		99
3) Pyridine	3.257	79	455384	36.522	ng		99
4) n-Nitrosodimethylamine	3.204	42	231056	37.899	ng		99
6) Aniline	6.475	93	456110	35.520	ng		99
8) 2-Chlorophenol	6.593	128	456555	37.270	ng		99
9) Benzaldehyde	6.363	77	377008	44.258	ng		98
10) Phenol	6.451	94	575344	37.161	ng		96
11) bis(2-Chloroethyl)ether	6.545	93	435436	37.739	ng		99
12) 1,3-Dichlorobenzene	6.751	146	511968	37.472	ng		99
13) 1,4-Dichlorobenzene	6.828	146	521032	37.844	ng		100
14) 1,2-Dichlorobenzene	6.981	146	488749	38.057	ng		98
15) Benzyl Alcohol	6.951	79	403035	38.586	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	598111	37.147	ng		99
17) 2-Methylphenol	7.063	107	371494	37.563	ng		99
18) Hexachloroethane	7.322	117	189440	38.049	ng		99
19) n-Nitroso-di-n-propyla...	7.228	70	320756	37.648	ng		99
20) 3+4-Methylphenols	7.216	107	471968	37.826	ng	#	87
22) Acetophenone	7.222	105	622516	37.521	ng		97
24) Nitrobenzene	7.392	77	507162	36.960	ng		99
25) Isophorone	7.634	82	853644	37.939	ng		99
26) 2-Nitrophenol	7.710	139	230038	36.854	ng		97
27) 2,4-Dimethylphenol	7.745	122	311696	37.021	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	533151	37.756	ng		100
29) 2,4-Dichlorophenol	7.951	162	379037	37.906	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	432233	37.816	ng		99
31) Naphthalene	8.116	128	1378087	37.442	ng		99
32) Benzoic acid	7.857	122	303585	37.588	ng		97
33) 4-Chloroaniline	8.163	127	445182	34.975	ng		99
34) Hexachlorobutadiene	8.234	225	262191	38.070	ng		99
35) Caprolactam	8.534	113	126504	38.642	ng		98
36) 4-Chloro-3-methylphenol	8.639	107	417396	38.167	ng		100
37) 2-Methylnaphthalene	8.804	142	880241	37.531	ng		100
38) 1-Methylnaphthalene	8.904	142	867794	37.543	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	407220	37.089	ng		99
41) Hexachlorocyclopentadiene	8.957	237	143280	39.887	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	277834	37.519	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	290966	37.205	ng		99
46) 1,1'-Biphenyl	9.269	154	1091805	36.751	ng		100
47) 2-Chloronaphthalene	9.292	162	853459	36.884	ng		99
48) 2-Nitroaniline	9.386	65	250809	36.566	ng		99
49) Acenaphthylene	9.704	152	1234051	37.329	ng		100
50) Dimethylphthalate	9.569	163	977817	38.075	ng		100
51) 2,6-Dinitrotoluene	9.628	165	222928	37.328	ng		94
52) Acenaphthene	9.881	154	861041	37.280	ng		100
53) 3-Nitroaniline	9.798	138	222998	36.745	ng		99
54) 2,4-Dinitrophenol	9.898	184	108968	38.387	ng	#	73
55) Dibenzofuran	10.051	168	1174026	37.371	ng		99
56) 4-Nitrophenol	9.951	139	178406	37.536	ng		96
57) 2,4-Dinitrotoluene	10.033	165	297320	38.631	ng		98
58) Fluorene	10.392	166	917697	37.600	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	248917	38.291	ng		99
60) Diethylphthalate	10.269	149	976403	38.945	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	453561	38.129	ng		99
62) 4-Nitroaniline	10.410	138	230285	38.769	ng		97
63) Azobenzene	10.545	77	939195	37.965	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	157332	41.778	ng		100
66) n-Nitrosodiphenylamine	10.504	169	797644	38.052	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	295258	39.462	ng		98
68) Hexachlorobenzene	10.939	284	326645	39.218	ng		99
69) Atrazine	11.033	200	258473	45.795	ng		99
70) Pentachlorophenol	11.133	266	213699	40.064	ng		100
71) Phenanthrene	11.357	178	1353011	38.779	ng		99
72) Anthracene	11.404	178	1320674	38.928	ng		99
73) Carbazole	11.563	167	1210455	38.912	ng		100
74) Di-n-butylphthalate	11.892	149	1478590	41.533	ng		100
75) Fluoranthene	12.539	202	1400628	40.228	ng		100
77) Benzidine	12.663	184	219555	28.864	ng		99
78) Pyrene	12.769	202	1389041	35.454	ng		100
80) Butylbenzylphthalate	13.392	149	526848	40.334	ng		99
81) Benzo(a)anthracene	13.957	228	1030311	36.908	ng		100
82) 3,3'-Dichlorobenzidine	13.921	252	303031	34.091	ng		99
83) Chrysene	13.998	228	911712	34.904	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	643364	41.050	ng		100
85) Di-n-octyl phthalate	14.574	149	965204	40.782	ng		99
87) Indeno(1,2,3-cd)pyrene	16.874	276	1035448	36.168	ng		99
88) Benzo(b)fluoranthene	15.004	252	969835	38.488	ng		100
89) Benzo(k)fluoranthene	15.033	252	818964	38.459	ng		99
90) Benzo(a)pyrene	15.368	252	799070	38.436	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	844181	36.457	ng		99
92) Benzo(g,h,i)perylene	17.309	276	856958	35.581	ng		99

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

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