Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082223\
Data File : BF134888.D
Acq On : 22 Aug 2023 16:14
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 22 19:03:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 17:47:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	162537	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	600760	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	296085	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	516538	20.000	ng	0.00
76) Chrysene-d12	13.980	240	239310	20.000	ng	0.00
86) Perylene-d12	15.457	264	315288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1120289	109.912	ng	0.00
7) Phenol-d6	6.445	99	1428988	109.717	ng	0.00
23) Nitrobenzene-d5	7.369	82	1270424	116.527	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	394752	113.202	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2025814	105.799	ng	0.00
79) Terphenyl-d14	12.927	244	1814910	100.608	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	258821	58.511	ng	99
3) Pyridine	3.293	79	698363	58.586	ng	99
4) n-Nitrosodimethylamine	3.269	42	317682	60.277	ng	98
6) Aniline	6.469	93	881626	54.768	ng	99
8) 2-Chlorophenol	6.587	128	590358	55.198	ng	95
9) Benzaldehyde	6.351	77	377226	52.907	ng	97
10) Phenol	6.457	94	720247	54.013	ng	93
11) bis(2-Chloroethyl)ether	6.545	93	569461	56.298	ng	99
12) 1,3-Dichlorobenzene	6.740	146	614929	55.127	ng	99
13) 1,4-Dichlorobenzene	6.816	146	622530	55.759	ng	99
14) 1,2-Dichlorobenzene	6.969	146	555878	51.853	ng	99
15) Benzyl Alcohol	6.945	79	492238	54.394	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	808284	55.183	ng	99
17) 2-Methylphenol	7.057	107	520055	56.184	ng	96
18) Hexachloroethane	7.304	117	229929	56.903	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	413510	54.361	ng	98
20) 3+4-Methylphenols	7.216	107	568237	62.106	ng	96
22) Acetophenone	7.216	105	728244	54.844	ng	99
24) Nitrobenzene	7.387	77	633583	57.916	ng	99
25) Isophorone	7.628	82	1177518	57.841	ng	100
26) 2-Nitrophenol	7.698	139	332906	61.125	ng	93
27) 2,4-Dimethylphenol	7.739	122	501972	56.509	ng	96
28) bis(2-Chloroethoxy)met...	7.834	93	692153	57.045	ng	99
29) 2,4-Dichlorophenol	7.939	162	501352	57.121	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	534454	57.357	ng	99
31) Naphthalene	8.098	128	1681866	56.067	ng	99
32) Benzoic acid	7.887	122	420716	64.299	ng	96
33) 4-Chloroaniline	8.151	127	722822	56.160	ng	98
34) Hexachlorobutadiene	8.216	225	316558	57.122	ng	98
35) Caprolactam	8.545	113	161646	59.183	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	526753	56.871	ng	99
37) 2-Methylnaphthalene	8.792	142	1108378	55.405	ng	99
38) 1-Methylnaphthalene	8.892	142	1019111	54.480	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	513847	56.954	ng	99
41) Hexachlorocyclopentadiene	8.939	237	262215	62.632	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	342684	57.511	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	397428	57.611	ng		98
46) 1,1'-Biphenyl	9.257	154	1297795	55.520	ng		99
47) 2-Chloronaphthalene	9.281	162	992660	56.864	ng		98
48) 2-Nitroaniline	9.386	65	343932	59.935	ng		94
49) Acenaphthylene	9.698	152	1504212	55.953	ng		99
50) Dimethylphthalate	9.569	163	1217251	57.756	ng		100
51) 2,6-Dinitrotoluene	9.633	165	277922	59.789	ng		94
52) Acenaphthene	9.875	154	936586	55.302	ng		99
53) 3-Nitroaniline	9.798	138	303370	59.752	ng		95
54) 2,4-Dinitrophenol	9.904	184	148317	60.778	ng	#	87
55) Dibenzofuran	10.045	168	1348957	54.708	ng		97
56) 4-Nitrophenol	9.963	139	220591	62.346	ng		100
57) 2,4-Dinitrotoluene	10.033	165	335038	58.281	ng		92
58) Fluorene	10.392	166	1000165	51.799	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	303048	56.384	ng		99
60) Diethylphthalate	10.269	149	1080342	55.949	ng		99
61) 4-Chlorophenyl-phenyle...	10.381	204	505307	52.192	ng		97
62) 4-Nitroaniline	10.422	138	281017	59.209	ng		95
63) Azobenzene	10.545	77	1074977	56.040	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	203632	66.810	ng		97
66) n-Nitrosodiphenylamine	10.504	169	950831	57.162	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	346794	58.194	ng		95
68) Hexachlorobenzene	10.939	284	372021	58.698	ng		94
70) Pentachlorophenol	11.133	266	229717	60.227	ng		97
71) Phenanthrene	11.357	178	1499250	55.389	ng		99
72) Anthracene	11.410	178	1558231	56.186	ng		99
73) Carbazole	11.563	167	1283331	56.156	ng		99
74) Di-n-butylphthalate	11.898	149	1472607	56.185	ng		99
75) Fluoranthene	12.551	202	1410967	55.016	ng		99
77) Benzidine	12.669	184	110686	28.507	ng		98
78) Pyrene	12.780	202	1378873	54.344	ng		100
80) Butylbenzylphthalate	13.404	149	435281	56.307	ng		97
81) Benzo(a)anthracene	13.974	228	951205	58.258	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	309138	59.821	ng		98
83) Chrysene	14.010	228	955626	59.320	ng		100
84) Bis(2-ethylhexyl)phtha...	13.969	149	466272	55.681	ng		99
85) Di-n-octyl phthalate	14.592	149	867131	63.502	ng		100
87) Indeno(1,2,3-cd)pyrene	16.962	276	1319347	58.543	ng		100
88) Benzo(b)fluoranthene	15.027	252	1020741	57.383	ng		99
89) Benzo(k)fluoranthene	15.063	252	1057353	60.532	ng		99
90) Benzo(a)pyrene	15.398	252	1043224	58.747	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	1057441	57.991	ng		99
92) Benzo(g,h,i)perylene	17.421	276	1087279	58.247	ng		99

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

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