Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135677.D
Acq On : 10 Oct 2023 10:46
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 11 02:43:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	107689	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	404597	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	201473	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	403863	20.000	ng		0.00
76) Chrysene-d12	13.939	240	209560	20.000	ng		0.00
86) Perylene-d12	15.404	264	208847	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	536594	81.043	ng		0.00
7) Phenol-d6	6.392	99	650898	77.312	ng		0.00
23) Nitrobenzene-d5	7.310	82	616728	82.814	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	161680	80.753	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1085049	81.253	ng		0.00
79) Terphenyl-d14	12.868	244	1092532	80.819	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.428	88	132906	45.789	ng		99
3) Pyridine	3.175	79	320505	41.028	ng		97
4) n-Nitrosodimethylamine	3.151	42	176693	42.623	ng		96
6) Aniline	6.410	93	416710	37.744	ng	#	65
8) 2-Chlorophenol	6.534	128	285162	40.345	ng		93
9) Benzaldehyde	6.298	77	176841	36.871	ng		97
10) Phenol	6.404	94	349328	37.839	ng	#	70
11) bis(2-Chloroethyl)ether	6.481	93	276704	39.958	ng		98
12) 1,3-Dichlorobenzene	6.681	146	290800	40.483	ng		97
13) 1,4-Dichlorobenzene	6.757	146	288615	39.492	ng		100
14) 1,2-Dichlorobenzene	6.910	146	266109	39.210	ng		96
15) Benzyl Alcohol	6.892	79	218868	36.228	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	503859	38.601	ng		63
17) 2-Methylphenol	7.010	107	240237	38.516	ng	#	92
18) Hexachloroethane	7.245	117	106999	39.625	ng		98
19) n-Nitroso-di-n-propyla...	7.157	70	196854	37.749	ng		93
20) 3+4-Methylphenols	7.163	107	304821	40.642	ng	#	78
22) Acetophenone	7.157	105	378752	40.946	ng	#	95
24) Nitrobenzene	7.328	77	314459	42.721	ng		99
25) Isophorone	7.563	82	563586	41.213	ng		97
26) 2-Nitrophenol	7.645	139	155378	43.982	ng		95
27) 2,4-Dimethylphenol	7.686	122	253944	42.765	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	345464	42.208	ng		99
29) 2,4-Dichlorophenol	7.892	162	233877	42.505	ng		97
30) 1,2,4-Trichlorobenzene	7.963	180	239029	41.562	ng		98
31) Naphthalene	8.039	128	820545	41.741	ng		99
32) Benzoic acid	7.834	122	162650	36.375	ng		100
33) 4-Chloroaniline	8.098	127	364378	42.247	ng		98
34) Hexachlorobutadiene	8.151	225	145650	42.000	ng		99
35) Caprolactam	8.481	113	79601	43.105	ng		98
36) 4-Chloro-3-methylphenol	8.592	107	256840	41.999	ng		99
37) 2-Methylnaphthalene	8.733	142	541644	40.990	ng		99
38) 1-Methylnaphthalene	8.833	142	496936	40.168	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	250334	42.889	ng		99
41) Hexachlorocyclopentadiene	8.881	237	28011	17.270	ng		96
43) 2,4,6-Trichlorophenol	9.022	196	156962	41.072	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	180407	40.992	ng		96
46) 1,1'-Biphenyl	9.198	154	651182	42.058	ng		99
47) 2-Chloronaphthalene	9.228	162	472921	42.098	ng		98
48) 2-Nitroaniline	9.333	65	190128	43.565	ng		95
49) Acenaphthylene	9.639	152	764183	40.932	ng		99
50) Dimethylphthalate	9.504	163	569199	41.786	ng		99
51) 2,6-Dinitrotoluene	9.580	165	125941	42.205	ng		86
52) Acenaphthene	9.816	154	465476	42.205	ng		96
53) 3-Nitroaniline	9.751	138	155126	44.287	ng		97
54) 2,4-Dinitrophenol	9.875	184	50594	33.781	ng		97
55) Dibenzofuran	9.986	168	674630	40.085	ng		98
56) 4-Nitrophenol	9.939	139	62133	27.910	ng		94
57) 2,4-Dinitrotoluene	9.992	165	150681	40.335	ng		96
58) Fluorene	10.333	166	561320	43.384	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	135787	40.109	ng		98
60) Diethylphthalate	10.204	149	564314	41.280	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	265989	42.797	ng		97
62) 4-Nitroaniline	10.369	138	144991	43.062	ng		99
63) Azobenzene	10.486	77	575364	43.004	ng		99
65) 4,6-Dinitro-2-methylph...	10.404	198	88921	41.454	ng		99
66) n-Nitrosodiphenylamine	10.445	169	501393	41.008	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	166034	41.336	ng		99
68) Hexachlorobenzene	10.880	284	164862	40.288	ng	#	89
69) Atrazine	10.980	200	134321	40.828	ng		98
70) Pentachlorophenol	11.086	266	67226	27.458	ng		95
71) Phenanthrene	11.298	178	797451	41.749	ng		100
72) Anthracene	11.351	178	830534	42.301	ng		99
73) Carbazole	11.516	167	762885	42.684	ng		99
74) Di-n-butylphthalate	11.839	149	882716	41.913	ng		99
75) Fluoranthene	12.498	202	844879	42.450	ng		98
77) Benzidine	12.627	184	161000	37.501	ng		98
78) Pyrene	12.727	202	837985	42.001	ng		99
80) Butylbenzylphthalate	13.345	149	317227	45.159	ng		97
81) Benzo(a)anthracene	13.927	228	575706	42.545	ng		98
82) 3,3'-Dichlorobenzidine	13.886	252	173244	40.988	ng	#	95
83) Chrysene	13.963	228	553898	41.170	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	363620	50.443	ng		99
85) Di-n-octyl phthalate	14.527	149	492872	43.024	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	576438	42.096	ng		100
88) Benzo(b)fluoranthene	14.980	252	449326	39.744	ng		99
89) Benzo(k)fluoranthene	15.004	252	431233	38.613	ng		99
90) Benzo(a)pyrene	15.345	252	445988	41.366	ng		99
91) Dibenzo(a,h)anthracene	16.909	278	467869	41.759	ng		98
92) Benzo(g,h,i)perylene	17.351	276	502446	42.939	ng		98

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

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