Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134908.D
Acq On : 23 Aug 2023 17:09
Operator : CG\JU
Sample : 04099-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

Quant Time: Aug 24 04:27:36 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 19:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.79
21) Naphthalene-d8	8.063	136	778	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	4699	20.000	ng	# 0.00
64) Phenanthrene-d10	11.316	188	893	20.000	ng	#-0.01
76) Chrysene-d12	13.957	240	1923	20.000	ng	#-0.02
86) Perylene-d12	15.404	264	1660	20.000	ng	#-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	298915	0.000	ng	0.00
7) Phenol-d6	6.434	99	443203	0.000	ng	0.00
23) Nitrobenzene-d5	7.351	82	252763	17902.491	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	44357	801.500	ng	0.06
45) 2-Fluorobiphenyl	9.151	172	477152	1569.751	ng	0.00
79) Terphenyl-d14	13.051	244	233920	1673.083	ng	0.13
Target Compounds						Qvalue
22) Acetophenone	7.198	105	7447	433.071	ng	# 89
24) Nitrobenzene	7.351	77	1194	84.279	ng	# 46
25) Isophorone	7.351	82	249470	9462.498	ng	# 65
26) 2-Nitrophenol	7.675	139	322	45.653	ng	# 1
27) 2,4-Dimethylphenol	7.734	122	3391	294.771	ng	# 74
28) bis(2-Chloroethoxy)met...	7.834	93	768	48.876	ng	# 1
29) 2,4-Dichlorophenol	8.016	162	151	13.285	ng	# 1
30) 1,2,4-Trichlorobenzene	8.016	180	184	15.248	ng	# 12
31) Naphthalene	8.092	128	2194	56.477	ng	# 68
32) Benzoic acid	7.804	122	7696	906.502	ng	100
33) 4-Chloroaniline	8.157	127	293	17.579	ng	# 1
35) Caprolactam	8.504	113	4323	1218.361	ng	# 1
36) 4-Chloro-3-methylphenol	8.622	107	4469	372.579	ng	# 23
37) 2-Methylnaphthalene	8.786	142	7820	301.848	ng	83
38) 1-Methylnaphthalene	8.886	142	6107	252.095	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	860	9.094	ng	# 10
46) 1,1'-Biphenyl	9.257	154	2368	6.383	ng	# 1
47) 2-Chloronaphthalene	9.292	162	940	3.393	ng	# 1
48) 2-Nitroaniline	9.404	65	2766	30.372	ng	# 64
49) Acenaphthylene	9.704	152	19580	45.892	ng	# 1
50) Dimethylphthalate	9.557	163	34239	102.365	ng	# 44
51) 2,6-Dinitrotoluene	9.604	165	36475	494.428	ng	# 38
52) Acenaphthene	9.880	154	3154	11.734	ng	# 1
53) 3-Nitroaniline	9.798	138	10466	129.889	ng	# 36
54) 2,4-Dinitrophenol	9.910	184	1216	34.837	ng	# 1
55) Dibenzofuran	10.057	168	1522	3.889	ng	# 1
56) 4-Nitrophenol	9.992	139	9001	160.296	ng	# 1
57) 2,4-Dinitrotoluene	10.116	165	30663	336.093	ng	# 37
58) Fluorene	10.375	166	7860	26.482	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.192	232	7501	87.937	ng	# 27
60) Diethylphthalate	10.269	149	2339	7.633	ng	# 1
61) 4-Chlorophenyl-phenyle...	10.451	204	27278	183.338	ng	# 1
62) 4-Nitroaniline	10.457	138	505	6.704	ng	# 27
63) Azobenzene	10.551	77	18550	60.933	ng	# 36
65) 4,6-Dinitro-2-methylph...	10.439	198	27086	5140.368	ng	# 1
66) n-Nitrosodiphenylamine	10.486	169	43186	1501.754	ng	# 56

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) 4-Bromophenyl-phenylether	10.875	248	8702	844.647	ng	#	1
68) Hexachlorobenzene	11.163	284	74	6.754	ng	#	1
69) Atrazine	11.033	200	4314	552.448	ng	#	1
70) Pentachlorophenol	11.075	266	31766	4817.352	ng	#	54
71) Phenanthrene	11.357	178	6665	142.430	ng	#	1
72) Anthracene	11.357	178	6665	139.011	ng	#	1
73) Carbazole	11.545	167	26106	660.772	ng	#	1
74) Di-n-butylphthalate	11.886	149	4736	104.520	ng	#	30
75) Fluoranthene	12.533	202	60281	1359.565	ng	#	1
77) Benzidine	12.657	184	7800	249.997	ng	#	1
78) Pyrene	12.751	202	6817	33.435	ng	#	1
80) Butylbenzylphthalate	13.339	149	10999	177.063	ng	#	39
81) Benzo(a)anthracene	13.951	228	4464	34.024	ng	#	1
82) 3,3'-Dichlorobenzidine	13.904	252	621	14.955	ng	#	1
83) Chrysene	13.951	228	4464	34.484	ng	#	1
84) Bis(2-ethylhexyl)phtha...	13.933	149	3825	56.843	ng	#	38
85) Di-n-octyl phthalate	14.551	149	13504	123.069	ng	#	75
87) Indeno(1,2,3-cd)pyrene	16.968	276	1868	15.743	ng		95
88) Benzo(b)fluoranthene	14.974	252	696	7.431	ng	#	1
89) Benzo(k)fluoranthene	15.021	252	571	6.209	ng	#	1
90) Benzo(a)pyrene	15.374	252	1542	16.493	ng	#	1

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

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