Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133223.D
Acq On : 04 May 2023 10:37
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 11:26:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 04 11:25:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/05/2023
Supervised By :Jagrut Upadhyay
05/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	223578	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	877937	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	448942	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	790814	20.000	ng	0.00
76) Chrysene-d12	13.886	240	502862	20.000	ng	0.00
86) Perylene-d12	15.298	264	406563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1122636	75.851	ng	0.00
7) Phenol-d6	6.375	99	1415415	77.048	ng	0.00
23) Nitrobenzene-d5	7.298	82	1242173	76.371	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	337801	74.818	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2036782	75.901	ng	0.00
79) Terphenyl-d14	12.833	244	2124536	72.865	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.393	88	262591	38.251	ng	98
3) Pyridine	3.081	79	717740	39.364	ng	97
4) n-Nitrosodimethylamine	3.051	42	349793	37.037	ng	97
6) Aniline	6.392	93	914955	38.670	ng	92
8) 2-Chlorophenol	6.516	128	579910	38.590	ng	96
9) Benzaldehyde	6.275	77	338743	39.954	ng	99
10) Phenol	6.387	94	757434	37.375	ng	82
11) bis(2-Chloroethyl)ether	6.469	93	577778	37.992	ng	99
12) 1,3-Dichlorobenzene	6.669	146	611940	38.302	ng	99
13) 1,4-Dichlorobenzene	6.745	146	624455	38.999	ng	99
14) 1,2-Dichlorobenzene	6.904	146	573733	38.865	ng	99
15) Benzyl Alcohol	6.875	79	486963	38.375	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	939147	35.555	ng	97
17) 2-Methylphenol	6.992	107	528491	38.407	ng	98
18) Hexachloroethane	7.239	117	213355	38.325	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	388472	33.967	ng	99
20) 3+4-Methylphenols	7.145	107	606621	37.434	ng	92
22) Acetophenone	7.145	105	762018	37.469	ng	99
24) Nitrobenzene	7.316	77	627194	38.054	ng	98
25) Isophorone	7.557	82	1159402	37.543	ng	99
26) 2-Nitrophenol	7.634	139	333540	41.956	ng	90
27) 2,4-Dimethylphenol	7.675	122	521103	38.228	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	685282	37.510	ng	99
29) 2,4-Dichlorophenol	7.875	162	482235	38.861	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	506822	39.423	ng	98
31) Naphthalene	8.039	128	1675152	38.163	ng	100
32) Benzoic acid	7.804	122	352352m	41.847	ng	
33) 4-Chloroaniline	8.086	127	729211	41.117	ng	98
34) Hexachlorobutadiene	8.157	225	270002	37.893	ng	99
35) Caprolactam	8.463	113	173271	41.564	ng	89
36) 4-Chloro-3-methylphenol	8.569	107	522817	39.069	ng	99
37) 2-Methylnaphthalene	8.728	142	1137956	37.920	ng	99
38) 1-Methylnaphthalene	8.828	142	1073605	38.243	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	454023	37.613	ng	99
41) Hexachlorocyclopentadiene	8.881	237	260759	37.041	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	323537	38.757	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	374873	38.829	ng		99
46) 1,1'-Biphenyl	9.192	154	1323962	37.191	ng		99
47) 2-Chloronaphthalene	9.216	162	997194	38.271	ng		99
48) 2-Nitroaniline	9.310	65	339154	39.384	ng		96
49) Acenaphthylene	9.628	152	1580544	37.963	ng		100
50) Dimethylphthalate	9.498	163	1213860	38.777	ng		99
51) 2,6-Dinitrotoluene	9.557	165	277026	39.319	ng		87
52) Acenaphthene	9.804	154	1063325m	38.133	ng		
53) 3-Nitroaniline	9.722	138	337710	40.312	ng		96
54) 2,4-Dinitrophenol	9.828	184	143286	40.459	ng		100
55) Dibenzofuran	9.975	168	1426974	37.516	ng		99
56) 4-Nitrophenol	9.886	139	235011	36.220	ng		91
57) 2,4-Dinitrotoluene	9.957	165	361721	40.257	ng		94
58) Fluorene	10.316	166	1041382	37.369	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	284755	38.045	ng		99
60) Diethylphthalate	10.192	149	1143640	38.678	ng		99
61) 4-Chlorophenyl-phenyle...	10.310	204	507362	37.360	ng		99
62) 4-Nitroaniline	10.339	138	332141	43.137	ng		96
63) Azobenzene	10.469	77	1145552	36.572	ng		99
65) 4,6-Dinitro-2-methylph...	10.369	198	207900	43.373	ng		97
66) n-Nitrosodiphenylamine	10.427	169	980344	38.217	ng		99
67) 4-Bromophenyl-phenylether	10.798	248	323607	37.730	ng		99
68) Hexachlorobenzene	10.863	284	333094	37.901	ng		96
69) Atrazine	10.957	200	291686	39.463	ng		98
70) Pentachlorophenol	11.057	266	228962	36.580	ng		96
71) Phenanthrene	11.274	178	1573153	37.012	ng		99
72) Anthracene	11.327	178	1648650	37.902	ng		99
73) Carbazole	11.480	167	1454701	37.558	ng		99
74) Di-n-butylphthalate	11.816	149	1763980	40.245	ng		100
75) Fluoranthene	12.457	202	1593881	37.365	ng		99
77) Benzidine	12.580	184	415329	48.841	ng	#	94
78) Pyrene	12.686	202	1636182	37.956	ng		99
80) Butylbenzylphthalate	13.310	149	704615	46.165	ng		97
81) Benzo(a)anthracene	13.874	228	1264610	36.570	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	400926	41.969	ng		99
83) Chrysene	13.910	228	1297071	37.518	ng		100
84) Bis(2-ethylhexyl)phtha...	13.868	149	815071	42.545	ng		99
85) Di-n-octyl phthalate	14.480	149	1380202	44.183	ng		98
87) Indeno(1,2,3-cd)pyrene	16.674	276	968199	41.866	ng		98
88) Benzo(b)fluoranthene	14.898	252	1032042	39.901	ng		99
89) Benzo(k)fluoranthene	14.927	252	980625	38.246	ng		100
90) Benzo(a)pyrene	15.239	252	906398	38.500	ng		99
91) Dibenzo(a,h)anthracene	16.692	278	805783	41.776	ng		98
92) Benzo(g,h,i)perylene	17.092	276	825055	43.327	ng		97

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

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