Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
Data File : BF130709.D
Acq On : 19 Oct 2022 13:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 14:33:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.569	152	80857	20.000	ng		0.00
21) Naphthalene-d8	7.857	136	310935	20.000	ng		0.00
39) Acenaphthene-d10	9.604	164	169430	20.000	ng		0.00
64) Phenanthrene-d10	11.086	188	299209	20.000	ng		0.00
76) Chrysene-d12	13.715	240	236419	20.000	ng		0.00
86) Perylene-d12	15.092	264	170976	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.175	112	484721	108.059	ng		0.00
7) Phenol-d6	6.228	99	476193	84.435	ng		0.00
23) Nitrobenzene-d5	7.145	82	475126	83.418	ng		0.00
42) 2,4,6-Tribromophenol	10.398	330	149531	90.195	ng		0.00
45) 2-Fluorobiphenyl	8.933	172	950239	84.954	ng		0.00
79) Terphenyl-d14	12.668	244	1164604	81.759	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.134	88	123775	45.609	ng		98
3) Pyridine	2.793	79	316107	65.117	ng		98
4) n-Nitrosodimethylamine	2.757	42	132700	58.018	ng		96
6) Aniline	6.239	93	286848	42.483	ng	#	80
8) 2-Chlorophenol	6.363	128	225835	42.811	ng		96
9) Benzaldehyde	6.122	77	126943	35.826	ng		99
10) Phenol	6.245	94	276785	42.415	ng		92
11) bis(2-Chloroethyl)ether	6.316	93	198189	41.811	ng		99
12) 1,3-Dichlorobenzene	6.510	146	247675	42.881	ng		98
13) 1,4-Dichlorobenzene	6.586	146	251353	42.896	ng		98
14) 1,2-Dichlorobenzene	6.739	146	232217	42.553	ng		98
15) Benzyl Alcohol	6.734	79	181166	44.742	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.857	45	238681	39.139	ng	#	53
17) 2-Methylphenol	6.851	107	182306	43.445	ng		95
18) Hexachloroethane	7.075	117	93201	42.044	ng		98
19) n-Nitroso-di-n-propyla...	6.998	70	150764	41.434	ng		98
20) 3+4-Methylphenols	7.004	107	243788	43.356	ng	#	86
22) Acetophenone	6.992	105	309273	41.463	ng		95
24) Nitrobenzene	7.163	77	234407	40.923	ng		99
25) Isophorone	7.404	82	394280	41.592	ng		98
26) 2-Nitrophenol	7.481	139	123505	43.968	ng		96
27) 2,4-Dimethylphenol	7.528	122	172409	44.037	ng		99
28) bis(2-Chloroethoxy)met...	7.616	93	229855	41.876	ng		99
29) 2,4-Dichlorophenol	7.728	162	195320	44.591	ng		98
30) 1,2,4-Trichlorobenzene	7.798	180	205063	43.424	ng		96
31) Naphthalene	7.875	128	680981	42.309	ng		99
32) Benzoic acid	7.698	122	100052	40.395	ng		96
33) 4-Chloroaniline	7.939	127	274425	44.014	ng		98
34) Hexachlorobutadiene	7.992	225	126843	43.277	ng		98
35) Caprolactam	8.328	113	59849m	45.412	ng		
36) 4-Chloro-3-methylphenol	8.439	107	207748	43.724	ng		99
37) 2-Methylnaphthalene	8.569	142	450261	44.453	ng		100
38) 1-Methylnaphthalene	8.663	142	432600	43.995	ng		100
40) 1,2,4,5-Tetrachloroben...	8.733	216	199350	43.367	ng		99
41) Hexachlorocyclopentadiene	8.716	237	44527	32.149	ng		99
43) 2,4,6-Trichlorophenol	8.857	196	131323	42.547	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	144611	42.604	ng		97
46) 1,1'-Biphenyl	9.033	154	526895	42.911	ng		99
47) 2-Chloronaphthalene	9.057	162	428314	42.680	ng		99
48) 2-Nitroaniline	9.169	65	131680	43.589	ng		99
49) Acenaphthylene	9.469	152	649866	43.219	ng		99
50) Dimethylphthalate	9.345	163	504775	43.039	ng		98
51) 2,6-Dinitrotoluene	9.410	165	114778	44.614	ng		91
52) Acenaphthene	9.639	154	392168	43.047	ng		99
53) 3-Nitroaniline	9.580	138	127652	45.265	ng		99
54) 2,4-Dinitrophenol	9.698	184	43009	35.741	ng	#	88
55) Dibenzofuran	9.810	168	603877	43.512	ng		99
56) 4-Nitrophenol	9.769	139	51751	33.282	ng		97
57) 2,4-Dinitrotoluene	9.816	165	151569	45.840	ng	#	78
58) Fluorene	10.151	166	493393	43.243	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.939	232	115184	42.565	ng		93
60) Diethylphthalate	10.039	149	489039	41.791	ng		98
61) 4-Chlorophenyl-phenyle...	10.145	204	223206	43.270	ng		99
62) 4-Nitroaniline	10.198	138	124677	46.305	ng		95
63) Azobenzene	10.304	77	454493	41.236	ng		99
65) 4,6-Dinitro-2-methylph...	10.227	198	86663	46.348	ng		96
66) n-Nitrosodiphenylamine	10.269	169	418348	42.033	ng		98
67) 4-Bromophenyl-phenylether	10.633	248	147938	43.697	ng		96
68) Hexachlorobenzene	10.698	284	168450	44.015	ng	#	89
69) Atrazine	10.804	200	121067	44.671	ng		97
70) Pentachlorophenol	10.904	266	52061	34.952	ng		98
71) Phenanthrene	11.110	178	707447	42.676	ng		99
72) Anthracene	11.163	178	698360	43.135	ng		99
73) Carbazole	11.327	167	640394	44.328	ng		99
74) Di-n-butylphthalate	11.657	149	750396	42.881	ng		99
75) Fluoranthene	12.292	202	823002	51.656	ng		97
77) Benzidine	12.427	184	186822	31.263	ng		99
78) Pyrene	12.521	202	841849	41.275	ng		99
80) Butylbenzylphthalate	13.145	149	332641	42.413	ng		98
81) Benzo(a)anthracene	13.710	228	660705	41.475	ng		100
82) 3,3'-Dichlorobenzidine	13.674	252	190117	41.299	ng		97
83) Chrysene	13.745	228	626823	41.501	ng		100
84) Bis(2-ethylhexyl)phtha...	13.704	149	366914	38.590	ng		98
85) Di-n-octyl phthalate	14.310	149	494643	33.969	ng		99
87) Indeno(1,2,3-cd)pyrene	16.392	276	479030	37.433	ng		99
88) Benzo(b)fluoranthene	14.715	252	467235	43.156	ng		99
89) Benzo(k)fluoranthene	14.739	252	486179	44.102	ng		97
90) Benzo(a)pyrene	15.039	252	405925	45.049	ng		99
91) Dibenzo(a,h)anthracene	16.392	278	394839	37.641	ng		99
92) Benzo(g,h,i)perylene	16.774	276	442470	45.289	ng		100

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

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