Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
Data File : BF130111.D
Acq On : 02 Sep 2022 15:08
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 03 05:44:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	245755	20.000	ng		0.00
21) Naphthalene-d8	7.987	136	923570	20.000	ng	#	0.00
39) Acenaphthene-d10	9.739	164	466703	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	735913	20.000	ng	#	0.00
76) Chrysene-d12	13.851	240	360079	20.000	ng		0.00
86) Perylene-d12	15.245	264	396120	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.298	112	1124368	77.670	ng		-0.01
7) Phenol-d6	6.340	99	1392671	77.167	ng		0.00
23) Nitrobenzene-d5	7.275	82	1211126	84.276	ng		0.00
42) 2,4,6-Tribromophenol	10.528	330	337440	79.429	ng		0.00
45) 2-Fluorobiphenyl	9.063	172	2071727	73.598	ng		0.00
79) Terphenyl-d14	12.804	244	1690210	81.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.346	88	257115	38.005	ng		94
3) Pyridine	3.040	79	704091	38.812	ng		92
4) n-Nitrosodimethylamine	3.005	42	267507	37.496	ng		80
6) Aniline	6.369	93	865716	38.261	ng	#	50
8) 2-Chlorophenol	6.487	128	620470	39.051	ng		100
9) Benzaldehyde	6.257	77	407167	36.859	ng		94
10) Phenol	6.351	94	792469	38.847	ng	#	61
11) bis(2-Chloroethyl)ether	6.445	93	589441	38.029	ng		100
12) 1,3-Dichlorobenzene	6.645	146	661896	37.579	ng		97
13) 1,4-Dichlorobenzene	6.722	146	678096	38.219	ng		98
14) 1,2-Dichlorobenzene	6.875	146	613353	38.030	ng		99
15) Benzyl Alcohol	6.851	79	434916	35.753	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.987	45	759123	36.037	ng	#	52
17) 2-Methylphenol	6.957	107	504435	37.735	ng	#	86
18) Hexachloroethane	7.216	117	251349	39.232	ng		97
19) n-Nitroso-di-n-propyla...	7.128	70	397299	36.541	ng		92
20) 3+4-Methylphenols	7.116	107	596682	38.063	ng	#	77
22) Acetophenone	7.122	105	760541	36.859	ng	#	97
24) Nitrobenzene	7.293	77	625203	40.907	ng		99
25) Isophorone	7.534	82	1080442	37.145	ng		98
26) 2-Nitrophenol	7.604	139	315673	44.261	ng		97
27) 2,4-Dimethylphenol	7.645	122	483365	39.604	ng		95
28) bis(2-Chloroethoxy)met...	7.745	93	653973	37.429	ng		98
29) 2,4-Dichlorophenol	7.845	162	511350	39.169	ng		99
30) 1,2,4-Trichlorobenzene	7.928	180	526507	38.249	ng		98
31) Naphthalene	8.010	128	1752303	37.619	ng		99
32) Benzoic acid	7.769	122	401994	41.388	ng		98
33) 4-Chloroaniline	8.063	127	719033	38.208	ng		97
34) Hexachlorobutadiene	8.128	225	299160	37.947	ng		99
35) Caprolactam	8.439	113	154267m	38.132	ng		
36) 4-Chloro-3-methylphenol	8.539	107	510167	38.619	ng		93
37) 2-Methylnaphthalene	8.698	142	1131391	37.706	ng		98
38) 1-Methylnaphthalene	8.798	142	1085741	37.227	ng		100
40) 1,2,4,5-Tetrachloroben...	8.863	216	477929	39.272	ng		99
41) Hexachlorocyclopentadiene	8.851	237	255139	40.116	ng		100
43) 2,4,6-Trichlorophenol	8.975	196	344894	39.703	ng		99

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44) 2,4,5-Trichlorophenol	9.010	196	368481	39.136	ng		96
46) 1,1'-Biphenyl	9.163	154	1311265	38.673	ng		99
47) 2-Chloronaphthalene	9.186	162	1051024	38.688	ng		99
48) 2-Nitroaniline	9.286	65	308356	46.060	ng	#	84
49) Acenaphthylene	9.598	152	1582460	38.359	ng		99
50) Dimethylphthalate	9.469	163	1199968	37.749	ng		99
51) 2,6-Dinitrotoluene	9.528	165	269516	43.487	ng		94
52) Acenaphthene	9.775	154	1014995	39.040	ng		98
53) 3-Nitroaniline	9.698	138	306156	43.037	ng		95
54) 2,4-Dinitrophenol	9.798	184	120276	46.514	ng	#	81
55) Dibenzofuran	9.945	168	1431132	38.441	ng		99
56) 4-Nitrophenol	9.845	139	232233	42.344	ng		92
57) 2,4-Dinitrotoluene	9.928	165	335256	46.984	ng	#	84
58) Fluorene	10.286	166	1046067	36.928	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.057	232	287915	39.371	ng	#	79
60) Diethylphthalate	10.169	149	1146167	37.270	ng		100
61) 4-Chlorophenyl-phenyle...	10.281	204	466030	37.216	ng		99
62) 4-Nitroaniline	10.310	138	288635	41.720	ng		92
63) Azobenzene	10.439	77	1119313	36.967	ng		95
65) 4,6-Dinitro-2-methylph...	10.333	198	159701	46.337	ng		86
66) n-Nitrosodiphenylamine	10.398	169	964119	39.190	ng		98
67) 4-Bromophenyl-phenylether	10.769	248	320420	39.144	ng		96
68) Hexachlorobenzene	10.828	284	341059	38.239	ng		96
69) Atrazine	10.928	200	259581	37.298	ng		97
70) Pentachlorophenol	11.016	266	204516	41.005	ng		97
71) Phenanthrene	11.245	178	1484671	37.201	ng		99
72) Anthracene	11.292	178	1478215	37.678	ng		99
73) Carbazole	11.451	167	1317759	36.424	ng		99
74) Di-n-butylphthalate	11.786	149	1572591	36.047	ng		100
75) Fluoranthene	12.427	202	1370177	34.622	ng		98
77) Benzidine	12.551	184	420816	43.286	ng		99
78) Pyrene	12.651	202	1368540	42.373	ng		99
80) Butylbenzylphthalate	13.280	149	502586	39.123	ng		97
81) Benzo(a)anthracene	13.839	228	959974	38.902	ng		99
82) 3,3'-Dichlorobenzidine	13.804	252	321386	41.764	ng		97
83) Chrysene	13.874	228	957106	39.341	ng		99
84) Bis(2-ethylhexyl)phtha...	13.839	149	594080	37.205	ng		98
85) Di-n-octyl phthalate	14.451	149	998065	39.569	ng		98
87) Indeno(1,2,3-cd)pyrene	16.604	276	1253202	47.961	ng		95
88) Benzo(b)fluoranthene	14.851	252	905274	34.270	ng		98
89) Benzo(k)fluoranthene	14.880	252	964595	37.756	ng		98
90) Benzo(a)pyrene	15.192	252	811564	38.664	ng		98
91) Dibenzo(a,h)anthracene	16.621	278	1035863	48.448	ng	#	96
92) Benzo(g,h,i)perylene	17.009	276	1048863	49.031	ng	#	93

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

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