Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130681.D
Acq On : 17 Oct 2022 11:19
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 18 09:22:47 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 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.575	152	86490	20.000	ng		0.00
21) Naphthalene-d8	7.857	136	319386	20.000	ng		0.00
39) Acenaphthene-d10	9.610	164	168739	20.000	ng		0.00
64) Phenanthrene-d10	11.086	188	284120	20.000	ng		0.00
76) Chrysene-d12	13.722	240	208086	20.000	ng		0.00
86) Perylene-d12	15.092	264	152263	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.169	112	405676	84.547	ng		0.00
7) Phenol-d6	6.228	99	501053	83.056	ng		0.00
23) Nitrobenzene-d5	7.151	82	481005	82.215	ng		0.00
42) 2,4,6-Tribromophenol	10.398	330	144033	87.234	ng		0.00
45) 2-Fluorobiphenyl	8.939	172	950578	85.332	ng		0.00
79) Terphenyl-d14	12.669	244	985256	78.586	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.128	88	97194	33.482	ng		97
3) Pyridine	2.787	79	215482	41.498	ng		97
4) n-Nitrosodimethylamine	2.758	42	102140	41.749	ng		97
6) Aniline	6.240	93	295245	40.879	ng	#	65
8) 2-Chlorophenol	6.363	128	236810	41.968	ng		97
9) Benzaldehyde	6.128	77	143845	37.952	ng		98
10) Phenol	6.240	94	285885	40.957	ng		93
11) bis(2-Chloroethyl)ether	6.322	93	205555	40.541	ng		98
12) 1,3-Dichlorobenzene	6.516	146	262129	42.428	ng		97
13) 1,4-Dichlorobenzene	6.593	146	264187	42.150	ng		98
14) 1,2-Dichlorobenzene	6.745	146	246306	42.195	ng		98
15) Benzyl Alcohol	6.734	79	184534	42.606	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.863	45	250138	38.346	ng		91
17) 2-Methylphenol	6.851	107	186314	41.509	ng		97
18) Hexachloroethane	7.081	117	99029	41.764	ng		99
19) n-Nitroso-di-n-propyla...	7.004	70	154143	39.603	ng		96
20) 3+4-Methylphenols	7.004	107	242523	40.322	ng		95
22) Acetophenone	6.998	105	314503	41.049	ng		97
24) Nitrobenzene	7.169	77	242832	41.272	ng		100
25) Isophorone	7.410	82	391407	40.196	ng		99
26) 2-Nitrophenol	7.481	139	124702	43.219	ng	#	89
27) 2,4-Dimethylphenol	7.528	122	172616	42.923	ng		99
28) bis(2-Chloroethoxy)met...	7.622	93	225348	39.968	ng		100
29) 2,4-Dichlorophenol	7.728	162	194903	43.318	ng		98
30) 1,2,4-Trichlorobenzene	7.804	180	211247	43.550	ng		99
31) Naphthalene	7.881	128	693489	41.946	ng		100
32) Benzoic acid	7.687	122	96247	37.831	ng		98
33) 4-Chloroaniline	7.940	127	262804	41.035	ng		100
34) Hexachlorobutadiene	7.998	225	133471	44.334	ng		98
35) Caprolactam	8.328	113	54953m	40.594	ng		
36) 4-Chloro-3-methylphenol	8.434	107	200592	41.101	ng		96
37) 2-Methylnaphthalene	8.569	142	445137	42.785	ng		100
38) 1-Methylnaphthalene	8.669	142	429522	42.527	ng		99
40) 1,2,4,5-Tetrachloroben...	8.739	216	197096	43.052	ng		98
41) Hexachlorocyclopentadiene	8.722	237	50007	34.982	ng		98
43) 2,4,6-Trichlorophenol	8.857	196	132583	43.132	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.904	196	144693	42.803	ng		94
46)	1,1'-Biphenyl	9.039	154	513721	42.009	ng		99
47)	2-Chloronaphthalene	9.057	162	418964	41.919	ng		99
48)	2-Nitroaniline	9.169	65	123255	40.967	ng		97
49)	Acenaphthylene	9.469	152	623150	41.612	ng		100
50)	Dimethylphthalate	9.345	163	480305	41.120	ng		99
51)	2,6-Dinitrotoluene	9.410	165	108142	42.206	ng		99
52)	Acenaphthene	9.639	154	374589	41.286	ng		98
53)	3-Nitroaniline	9.581	138	116093	41.335	ng		95
54)	2,4-Dinitrophenol	9.698	184	42214	35.296	ng		98
55)	Dibenzofuran	9.816	168	578208	41.833	ng		96
56)	4-Nitrophenol	9.763	139	59360	38.331	ng		97
57)	2,4-Dinitrotoluene	9.816	165	139575	42.386	ng		89
58)	Fluorene	10.157	166	476434	41.928	ng		99
59)	2,3,4,6-Tetrachlorophenol	9.939	232	112047	41.575	ng		96
60)	Diethylphthalate	10.039	149	468201	40.174	ng		100
61)	4-Chlorophenyl-phenyle...	10.151	204	219015	42.632	ng		94
62)	4-Nitroaniline	10.192	138	111470	41.569	ng		99
63)	Azobenzene	10.310	77	430060	39.179	ng		98
65)	4,6-Dinitro-2-methylph...	10.222	198	78207	44.047	ng		85
66)	n-Nitrosodiphenylamine	10.275	169	393158	41.600	ng		99
67)	4-Bromophenyl-phenylether	10.639	248	140949	43.844	ng		95
68)	Hexachlorobenzene	10.698	284	159859	43.989	ng		96
69)	Atrazine	10.804	200	116509	45.272	ng		98
70)	Pentachlorophenol	10.904	266	56337	39.831	ng		98
71)	Phenanthrene	11.110	178	664960	42.243	ng		98
72)	Anthracene	11.163	178	642876	41.817	ng		99
73)	Carbazole	11.328	167	587276	42.810	ng		99
74)	Di-n-butylphthalate	11.657	149	724036	43.572	ng		100
75)	Fluoranthene	12.298	202	687559	45.447	ng		99
77)	Benzidine	12.427	184	154441	29.363	ng		98
78)	Pyrene	12.522	202	691775	38.535	ng		100
80)	Butylbenzylphthalate	13.151	149	297487	43.096	ng		97
81)	Benzo(a)anthracene	13.710	228	582860	41.570	ng		99
82)	3,3'-Dichlorobenzidine	13.680	252	174518	43.073	ng	#	97
83)	Chrysene	13.745	228	554620	41.720	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.710	149	376470	44.986	ng		98
85)	Di-n-octyl phthalate	14.316	149	547010	42.680	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.380	276	441925	38.778	ng		98
88)	Benzo(b)fluoranthene	14.716	252	443325	45.980	ng		98
89)	Benzo(k)fluoranthene	14.739	252	431356	43.938	ng		98
90)	Benzo(a)pyrene	15.039	252	348168	43.388	ng		98
91)	Dibenzo(a,h)anthracene	16.392	278	366029	39.183	ng		99
92)	Benzo(g,h,i)perylene	16.768	276	364354	41.877	ng		98

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

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