Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132689.D
Acq On : 08 Mar 2023 14:29
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 00:36:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

03/09/2023

Supervised By :Jagrut Upadhyay

03/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.992	152	202439	20.000	ng		0.00
21) Naphthalene-d8	8.275	136	707648	20.000	ng		0.00
39) Acenaphthene-d10	10.039	164	364102	20.000	ng		0.00
64) Phenanthrene-d10	11.533	188	692806	20.000	ng		0.00
76) Chrysene-d12	14.192	240	369081	20.000	ng		0.00
86) Perylene-d12	15.733	264	354920	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	922432	73.952	ng		0.00
7) Phenol-d6	6.622	99	1195588	73.444	ng		0.00
23) Nitrobenzene-d5	7.557	82	1098312	73.637	ng		0.00
42) 2,4,6-Tribromophenol	10.833	330	309093	78.607	ng		0.00
45) 2-Fluorobiphenyl	9.351	172	1709609	71.495	ng		0.00
79) Terphenyl-d14	13.121	244	1853338	84.901	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	267763	38.808	ng		96
3) Pyridine	3.622	79	730860	39.906	ng		94
4) n-Nitrosodimethylamine	3.587	42	253721	36.676	ng		86
6) Aniline	6.657	93	865119	39.490	ng		97
8) 2-Chlorophenol	6.775	128	491421	37.960	ng		99
9) Benzaldehyde	6.545	77	311536	35.466	ng		99
10) Phenol	6.634	94	701945	37.611	ng		94
11) bis(2-Chloroethyl)ether	6.728	93	547650	38.011	ng		93
12) 1,3-Dichlorobenzene	6.934	146	523961	37.715	ng		98
13) 1,4-Dichlorobenzene	7.010	146	522805	37.688	ng		98
14) 1,2-Dichlorobenzene	7.163	146	475459	35.714	ng		99
15) Benzyl Alcohol	7.134	79	473516	37.769	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.263	45	672162	36.585	ng		100
17) 2-Methylphenol	7.239	107	456269	37.764	ng		96
18) Hexachloroethane	7.504	117	205413	37.903	ng		94
19) n-Nitroso-di-n-propyla...	7.404	70	334575	33.395	ng		94
20) 3+4-Methylphenols	7.392	107	520277	33.332	ng	#	75
22) Acetophenone	7.404	105	641931	35.975	ng	#	84
24) Nitrobenzene	7.581	77	592963	37.172	ng		97
25) Isophorone	7.810	82	1085131	37.947	ng		98
26) 2-Nitrophenol	7.892	139	278471	39.566	ng		95
27) 2,4-Dimethylphenol	7.922	122	424928	38.253	ng		99
28) bis(2-Chloroethoxy)met...	8.016	93	646749	38.662	ng		99
29) 2,4-Dichlorophenol	8.133	162	430037	38.918	ng		99
30) 1,2,4-Trichlorobenzene	8.216	180	468137	39.016	ng		97
31) Naphthalene	8.298	128	1371258	37.852	ng		99
32) Benzoic acid	8.051	122	335692m	39.121	ng		
33) 4-Chloroaniline	8.345	127	617606	39.784	ng		97
34) Hexachlorobutadiene	8.410	225	298450	39.143	ng		98
35) Caprolactam	8.728	113	139178	38.205	ng		99
36) 4-Chloro-3-methylphenol	8.822	107	456207	37.594	ng		97
37) 2-Methylnaphthalene	8.992	142	915785	37.094	ng		99
38) 1-Methylnaphthalene	9.092	142	851838	36.920	ng		99
40) 1,2,4,5-Tetrachloroben...	9.157	216	478028	40.128	ng		99
41) Hexachlorocyclopentadiene	9.139	237	260369	40.297	ng		100
43) 2,4,6-Trichlorophenol	9.269	196	318389	39.438	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.310	196	368592	39.119	ng		98
46)	1,1'-Biphenyl	9.457	154	1068291	38.765	ng		98
47)	2-Chloronaphthalene	9.480	162	851531	38.973	ng		100
48)	2-Nitroaniline	9.580	65	293497	36.472	ng		89
49)	Acenaphthylene	9.898	152	1339332	38.516	ng		100
50)	Dimethylphthalate	9.751	163	1030178	38.858	ng		100
51)	2,6-Dinitrotoluene	9.822	165	238281	39.466	ng		87
52)	Acenaphthene	10.075	154	836844m	37.899	ng		
53)	3-Nitroaniline	9.992	138	265940	39.376	ng		100
54)	2,4-Dinitrophenol	10.098	184	133543	36.135	ng		99
55)	Dibenzofuran	10.245	168	1226438	38.099	ng		99
56)	4-Nitrophenol	10.151	139	176207	34.984	ng		91
57)	2,4-Dinitrotoluene	10.227	165	314822	39.194	ng		94
58)	Fluorene	10.592	166	941134	38.222	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.363	232	277691	39.674	ng		98
60)	Diethylphthalate	10.451	149	999159	38.589	ng		99
61)	4-Chlorophenyl-phenyle...	10.575	204	502158	39.313	ng		98
62)	4-Nitroaniline	10.610	138	256527	38.694	ng		97
63)	Azobenzene	10.739	77	1027381	37.466	ng		99
65)	4,6-Dinitro-2-methylph...	10.639	198	189899	40.491	ng		93
66)	n-Nitrosodiphenylamine	10.698	169	834568	38.640	ng		99
67)	4-Bromophenyl-phenylether	11.069	248	314890	40.181	ng		99
68)	Hexachlorobenzene	11.139	284	327111	39.669	ng		95
69)	Atrazine	11.222	200	268059	39.754	ng		97
70)	Pentachlorophenol	11.333	266	200351	40.837	ng		98
71)	Phenanthrene	11.557	178	1353623	37.715	ng		99
72)	Anthracene	11.610	178	1391157	37.640	ng		100
73)	Carbazole	11.763	167	1238954	37.181	ng		99
74)	Di-n-butylphthalate	12.080	149	1503730	38.471	ng		100
75)	Fluoranthene	12.757	202	1444688	36.821	ng		98
77)	Benzidine	12.868	184	377565	42.024	ng		98
78)	Pyrene	12.986	202	1434605	42.753	ng		99
80)	Butylbenzylphthalate	13.592	149	560095	42.297	ng		99
81)	Benzo(a)anthracene	14.180	228	1077943	39.034	ng		99
82)	3,3'-Dichlorobenzidine	14.139	252	318889	39.168	ng	#	99
83)	Chrysene	14.221	228	995564	38.552	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.145	149	667755	41.050	ng		100
85)	Di-n-octyl phthalate	14.774	149	987092	41.525	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.333	276	1041604	44.789	ng		100
88)	Benzo(b)fluoranthene	15.274	252	873128	36.709	ng		99
89)	Benzo(k)fluoranthene	15.304	252	887168	38.112	ng		99
90)	Benzo(a)pyrene	15.668	252	861054	38.680	ng		99
91)	Dibenzo(a,h)anthracene	17.345	278	852008	44.965	ng		98
92)	Benzo(g,h,i)perylene	17.815	276	893837	41.952	ng		98

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

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