Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042222\
Data File : BF127860.D
Acq On : 22 Apr 2022 19:35
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 23 23:35:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 23:32:42 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.939	152	154157	20.000	ng		0.00
21) Naphthalene-d8	8.228	136	573422	20.000	ng		0.00
39) Acenaphthene-d10	9.986	164	314758	20.000	ng		0.00
64) Phenanthrene-d10	11.474	188	556032	20.000	ng		0.00
76) Chrysene-d12	14.121	240	410054	20.000	ng		0.00
86) Perylene-d12	15.633	264	352815	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	423273	43.015	ng		0.00
7) Phenol-d6	6.557	99	546018	44.435	ng		-0.01
23) Nitrobenzene-d5	7.504	82	508270	41.108	ng		0.00
42) 2,4,6-Tribromophenol	10.774	330	132723	34.615	ng		0.00
45) 2-Fluorobiphenyl	9.298	172	862260	35.781	ng		0.00
79) Terphenyl-d14	13.063	244	938474	35.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	97247	21.347	ng		99
3) Pyridine	3.545	79	246035	18.911	ng		98
4) n-Nitrosodimethylamine	3.498	42	119899	17.210	ng		97
6) Aniline	6.604	93	320603	22.437	ng		98
8) 2-Chlorophenol	6.722	128	219714	22.008	ng		99
9) Benzaldehyde	6.492	77	169084	24.077	ng		96
10) Phenol	6.575	94	276668	22.449	ng		94
11) bis(2-Chloroethyl)ether	6.675	93	224846	22.191	ng		99
12) 1,3-Dichlorobenzene	6.881	146	251483	21.190	ng		98
13) 1,4-Dichlorobenzene	6.957	146	253709	22.309	ng		98
14) 1,2-Dichlorobenzene	7.110	146	236504	21.858	ng		98
15) Benzyl Alcohol	7.081	79	185477	17.342	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.210	45	339186	23.275	ng		99
17) 2-Methylphenol	7.186	107	179787	21.488	ng		97
18) Hexachloroethane	7.451	117	90000	19.238	ng		91
19) n-Nitroso-di-n-propyla...	7.345	70	158467	18.788	ng		99
20) 3+4-Methylphenols	7.333	107	230102	20.758	ng	#	78
22) Acetophenone	7.351	105	296558	21.531	ng	#	97
24) Nitrobenzene	7.522	77	242427	21.046	ng		98
25) Isophorone	7.757	82	410887	19.751	ng		99
26) 2-Nitrophenol	7.839	139	104270	20.741	ng		91
27) 2,4-Dimethylphenol	7.869	122	170939	21.525	ng		98
28) bis(2-Chloroethoxy)met...	7.969	93	272783	21.970	ng		100
29) 2,4-Dichlorophenol	8.075	162	183715	19.728	ng		98
30) 1,2,4-Trichlorobenzene	8.163	180	209209	19.044	ng		100
31) Naphthalene	8.245	128	624186	21.017	ng		99
32) Benzoic acid	7.957	122	111079m	19.549	ng		
33) 4-Chloroaniline	8.292	127	244696	20.759	ng		99
34) Hexachlorobutadiene	8.357	225	129991	15.991	ng		99
35) Caprolactam	8.651	113	56102	19.182	ng		95
36) 4-Chloro-3-methylphenol	8.769	107	188331	17.273	ng		95
37) 2-Methylnaphthalene	8.939	142	411637	19.238	ng		98
38) 1-Methylnaphthalene	9.039	142	396818	19.172	ng		99
40) 1,2,4,5-Tetrachloroben...	9.098	216	199407	17.500	ng		99
41) Hexachlorocyclopentadiene	9.086	237	104763	15.088	ng		99
43) 2,4,6-Trichlorophenol	9.210	196	127760	16.754	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.251	196	137021	16.976	ng		94
46)	1,1'-Biphenyl	9.398	154	508171	20.119	ng		99
47)	2-Chloronaphthalene	9.427	162	379615	18.616	ng		99
48)	2-Nitroaniline	9.522	65	123673	17.485	ng		99
49)	Acenaphthylene	9.845	152	583101	19.976	ng		99
50)	Dimethylphthalate	9.698	163	433784	18.362	ng		99
51)	2,6-Dinitrotoluene	9.763	165	94899	20.187	ng		96
52)	Acenaphthene	10.016	154	381876	20.346	ng		99
53)	3-Nitroaniline	9.933	138	104754	21.605	ng		97
54)	2,4-Dinitrophenol	10.039	184	41735	15.821	ng		96
55)	Dibenzofuran	10.186	168	566727	21.616	ng		98
56)	4-Nitrophenol	10.086	139	80788	22.552	ng		89
57)	2,4-Dinitrotoluene	10.163	165	127314	21.629	ng	#	88
58)	Fluorene	10.533	166	427543	21.375	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.304	232	118091	18.942	ng		98
60)	Diethylphthalate	10.398	149	429837	19.900	ng		99
61)	4-Chlorophenyl-phenyle...	10.522	204	209310	18.855	ng		98
62)	4-Nitroaniline	10.545	138	99469	22.986	ng		99
63)	Azobenzene	10.686	77	471788	20.841	ng		94
65)	4,6-Dinitro-2-methylph...	10.574	198	67169	18.905	ng		90
66)	n-Nitrosodiphenylamine	10.639	169	371761	20.469	ng		99
67)	4-Bromophenyl-phenylether	11.016	248	131395	17.436	ng		94
68)	Hexachlorobenzene	11.080	284	139408	17.263	ng	#	89
69)	Atrazine	11.163	200	115334	19.728	ng		98
70)	Pentachlorophenol	11.274	266	82286	18.928	ng		94
71)	Phenanthrene	11.498	178	634273	21.341	ng		100
72)	Anthracene	11.551	178	637255	21.222	ng		99
73)	Carbazole	11.704	167	609305	22.292	ng		98
74)	Di-n-butylphthalate	12.027	149	674386	20.445	ng		100
75)	Fluoranthene	12.692	202	666794	20.023	ng		97
77)	Benzidine	12.810	184	168712	15.946	ng		99
78)	Pyrene	12.921	202	685160	19.739	ng		99
80)	Butylbenzylphthalate	13.533	149	259068	19.091	ng		97
81)	Benzo(a)anthracene	14.110	228	562978	20.099	ng		100
82)	3,3'-Dichlorobenzidine	14.074	252	187566	21.204	ng		98
83)	Chrysene	14.145	228	542930	20.788	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.086	149	355437	20.067	ng	#	98
85)	Di-n-octyl phthalate	14.709	149	551557	20.674	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.174	276	473399	20.479	ng		99
88)	Benzo(b)fluoranthene	15.180	252	471562	20.372	ng		100
89)	Benzo(k)fluoranthene	15.215	252	458128	20.394	ng		99
90)	Benzo(a)pyrene	15.568	252	381630	20.438	ng		97
91)	Dibenzo(a,h)anthracene	17.192	278	389804	20.637	ng		100
92)	Benzo(g,h,i)perylene	17.645	276	391329	20.400	ng		98

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

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