Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
Data File : BF130550.D
Acq On : 06 Oct 2022 14:29
Operator : CG\JU
Sample : PB148113BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 07 02:10:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 02:06:46 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148113BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.616	152	99515	20.000	ng		0.00
21) Naphthalene-d8	7.904	136	408959	20.000	ng	#	0.00
39) Acenaphthene-d10	9.651	164	220509	20.000	ng		0.00
64) Phenanthrene-d10	11.133	188	361040	20.000	ng		0.00
76) Chrysene-d12	13.763	240	171260	20.000	ng		0.00
86) Perylene-d12	15.145	264	180343	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	814721	141.999	ng		0.02
7) Phenol-d6	6.275	99	989950	137.896	ng		0.00
23) Nitrobenzene-d5	7.192	82	637882	79.686	ng		0.00
42) 2,4,6-Tribromophenol	10.445	330	299743	141.864	ng		0.00
45) 2-Fluorobiphenyl	8.981	172	1210434	79.934	ng		0.00
79) Terphenyl-d14	12.716	244	1055441	102.086	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.275	88	86158	32.697	ng		98
3) Pyridine	2.952	79	225585	32.818	ng		90
4) n-Nitrosodimethylamine	2.910	42	139842	37.406	ng		96
6) Aniline	6.287	93	367812	41.582	ng	#	27
8) 2-Chlorophenol	6.404	128	297877	45.576	ng		94
9) Benzaldehyde	6.169	77	172549	35.882	ng		92
10) Phenol	6.287	94	361934	43.021	ng	#	76
11) bis(2-Chloroethyl)ether	6.363	93	268368	44.225	ng		95
12) 1,3-Dichlorobenzene	6.557	146	314536	43.737	ng		98
13) 1,4-Dichlorobenzene	6.634	146	319434	43.557	ng		100
14) 1,2-Dichlorobenzene	6.787	146	303691	44.329	ng		97
15) Benzyl Alcohol	6.775	79	229220	40.271	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.898	45	349217	39.457	ng	#	48
17) 2-Methylphenol	6.892	107	242340	45.613	ng		95
18) Hexachloroethane	7.128	117	124100	42.930	ng		94
19) n-Nitroso-di-n-propyla...	7.045	70	202910	41.887	ng		95
20) 3+4-Methylphenols	7.045	107	301173	43.637	ng	#	71
22) Acetophenone	7.039	105	423323	42.339	ng		93
24) Nitrobenzene	7.210	77	310506	38.201	ng		96
25) Isophorone	7.451	82	551708	42.761	ng		98
26) 2-Nitrophenol	7.522	139	158088	47.445	ng		94
27) 2,4-Dimethylphenol	7.575	122	248767	48.489	ng		97
28) bis(2-Chloroethoxy)met...	7.663	93	330439	45.484	ng		98
29) 2,4-Dichlorophenol	7.769	162	240001	42.689	ng		97
30) 1,2,4-Trichlorobenzene	7.845	180	250591	41.227	ng		96
31) Naphthalene	7.928	128	849475	40.319	ng		99
32) Benzoic acid	7.728	122	133545	33.660	ng		93
33) 4-Chloroaniline	7.981	127	280384	34.990	ng		98
34) Hexachlorobutadiene	8.039	225	160049	41.201	ng		99
35) Caprolactam	8.363	113	74886m	46.463	ng		
36) 4-Chloro-3-methylphenol	8.475	107	265895	42.669	ng		98
37) 2-Methylnaphthalene	8.616	142	550111	40.951	ng		99
38) 1-Methylnaphthalene	8.716	142	524331	40.631	ng		99
40) 1,2,4,5-Tetrachloroben...	8.781	216	253693	42.157	ng		99
41) Hexachlorocyclopentadiene	8.763	237	258223	80.147	ng		98
43) 2,4,6-Trichlorophenol	8.898	196	162144	38.607	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.945	196	173572	38.298	ng		95
46) 1,1'-Biphenyl	9.081	154	676530	41.080	ng		99
47) 2-Chloronaphthalene	9.104	162	528147	39.645	ng		97
48) 2-Nitroaniline	9.210	65	166384	37.446	ng		92
49) Acenaphthylene	9.516	152	783007	39.201	ng		100
50) Dimethylphthalate	9.392	163	617244	40.523	ng		99
51) 2,6-Dinitrotoluene	9.451	165	135335	42.484	ng		90
52) Acenaphthene	9.686	154	563253m	42.918	ng		
53) 3-Nitroaniline	9.622	138	113424	31.954	ng		91
54) 2,4-Dinitrophenol	9.733	184	126258	73.606	ng	#	87
55) Dibenzofuran	9.857	168	720413	39.465	ng		100
56) 4-Nitrophenol	9.798	139	170262	65.856	ng		91
57) 2,4-Dinitrotoluene	9.857	165	175686	43.153	ng		95
58) Fluorene	10.198	166	590617	39.562	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.980	232	136202	38.395	ng		93
60) Diethylphthalate	10.086	149	598704	39.196	ng		99
61) 4-Chlorophenyl-phenyle...	10.198	204	274709	41.947	ng		92
62) 4-Nitroaniline	10.239	138	134226m	37.642	ng		
63) Azobenzene	10.357	77	562945	35.792	ng		94
65) 4,6-Dinitro-2-methylph...	10.263	198	86986	43.281	ng		93
66) n-Nitrosodiphenylamine	10.322	169	499876	41.432	ng		99
67) 4-Bromophenyl-phenylether	10.680	248	173599	43.587	ng		96
68) Hexachlorobenzene	10.745	284	195079	43.208	ng		98
69) Atrazine	10.851	200	159704	45.296	ng		96
70) Pentachlorophenol	10.945	266	162165	66.926	ng		100
71) Phenanthrene	11.157	178	802980	39.614	ng		99
72) Anthracene	11.210	178	795502	40.667	ng		100
73) Carbazole	11.369	167	696214	39.437	ng		99
74) Di-n-butylphthalate	11.704	149	830173	38.996	ng		99
75) Fluoranthene	12.339	202	728032	37.169	ng		99
77) Benzidine	12.474	184	355842	71.576	ng		98
78) Pyrene	12.569	202	695809	46.443	ng		99
80) Butylbenzylphthalate	13.192	149	233995	42.160	ng		99
81) Benzo(a)anthracene	13.751	228	470288	41.279	ng		99
82) 3,3'-Dichlorobenzidine	13.721	252	134774	43.457	ng		96
83) Chrysene	13.792	228	442647	40.919	ng		98
84) Bis(2-ethylhexyl)phtha...	13.751	149	272296	42.831	ng		99
85) Di-n-octyl phthalate	14.363	149	453491	46.638	ng		96
87) Indeno(1,2,3-cd)pyrene	16.462	276	595649	46.576	ng		98
88) Benzo(b)fluoranthene	14.763	252	490366	41.659	ng		98
89) Benzo(k)fluoranthene	14.792	252	461652m	39.870	ng		
90) Benzo(a)pyrene	15.092	252	434948	46.641	ng		98
91) Dibenzo(a,h)anthracene	16.474	278	514609	49.051	ng		97
92) Benzo(g,h,i)perylene	16.857	276	514267	48.661	ng		99

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

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