Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126341.D
Acq On : 23 Dec 2021 13:33
Operator : JU/CG
Sample : PB141629BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 27 06:49:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141629BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	147647	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	624205	20.000	ng	#	0.00
39) Acenaphthene-d10	9.851	164	279773	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	411557	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	220627	20.000	ng		0.00
86) Perylene-d12	15.427	264	258517	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1100750	109.790	ng		0.00
7) Phenol-d6	6.445	99	1362739	107.046	ng		0.00
23) Nitrobenzene-d5	7.381	82	888540	77.094	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	242346	107.787	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	1175805	73.711	ng		0.00
79) Terphenyl-d14	12.927	244	902682	71.114	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	176743	36.114	ng	#	100
3) Pyridine	3.340	79	388667	29.905	ng	#	78
4) n-Nitrosodimethylamine	3.287	42	215758	43.194	ng	#	1
6) Aniline	6.475	93	535186	33.097	ng		96
8) 2-Chlorophenol	6.598	128	456947	44.944	ng		90
9) Benzaldehyde	6.363	77	226392	29.470	ng		94
10) Phenol	6.457	94	595752	41.690	ng		94
11) bis(2-Chloroethyl)ether	6.551	93	488232	44.016	ng		98
12) 1,3-Dichlorobenzene	6.757	146	443099	43.204	ng		98
13) 1,4-Dichlorobenzene	6.834	146	445534	43.018	ng		96
14) 1,2-Dichlorobenzene	6.987	146	426284	44.516	ng		96
15) Benzyl Alcohol	6.957	79	366763	39.464	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.092	45	779726	42.956	ng		94
17) 2-Methylphenol	7.069	107	366093	41.103	ng		97
18) Hexachloroethane	7.328	117	177956	43.682	ng		94
19) n-Nitroso-di-n-propyla...	7.234	70	307533	39.351	ng	#	71
20) 3+4-Methylphenols	7.222	107	418728	39.767	ng	#	77
22) Acetophenone	7.228	105	593455	41.310	ng		98
24) Nitrobenzene	7.398	77	489510	42.546	ng		94
25) Isophorone	7.639	82	880410	40.452	ng	#	88
26) 2-Nitrophenol	7.716	139	228463	44.048	ng	#	86
27) 2,4-Dimethylphenol	7.751	122	394290	44.764	ng		96
28) bis(2-Chloroethoxy)met...	7.851	93	566317	39.576	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	322466	41.186	ng		95
30) 1,2,4-Trichlorobenzene	8.039	180	335058	41.372	ng		98
31) Naphthalene	8.122	128	1226408	42.013	ng		98
32) Benzoic acid	7.875	122	233969	30.833	ng		92
33) 4-Chloroaniline	8.163	127	217131	17.814	ng		97
34) Hexachlorobutadiene	8.239	225	166535	41.869	ng		99
35) Caprolactam	8.534	113	116929m	60.092	ng		
36) 4-Chloro-3-methylphenol	8.651	107	378649	40.998	ng		89
37) 2-Methylnaphthalene	8.810	142	768239	42.734	ng		99
38) 1-Methylnaphthalene	8.910	142	713046	40.872	ng		95
40) 1,2,4,5-Tetrachloroben...	8.981	216	257626	42.665	ng	#	96
41) Hexachlorocyclopentadiene	8.969	237	298376	86.291	ng		95
43) 2,4,6-Trichlorophenol	9.086	196	187736	39.524	ng		95

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44) 2,4,5-Trichlorophenol	9.128	196	195881	39.822	ng		93
46) 1,1'-Biphenyl	9.275	154	888699	42.960	ng		96
47) 2-Chloronaphthalene	9.298	162	646467	41.535	ng		96
48) 2-Nitroaniline	9.392	65	228815	40.277	ng		90
49) Acenaphthylene	9.716	152	998024	41.964	ng		98
50) Dimethylphthalate	9.581	163	712166	40.185	ng		98
51) 2,6-Dinitrotoluene	9.639	165	161961	42.223	ng		97
52) Acenaphthene	9.886	154	684490m	44.380	ng		
53) 3-Nitroaniline	9.804	138	117371	24.074	ng	#	74
54) 2,4-Dinitrophenol	9.910	184	135883	86.033	ng	#	82
55) Dibenzofuran	10.057	168	848143	40.390	ng		100
56) 4-Nitrophenol	9.969	139	267520	75.963	ng	#	83
57) 2,4-Dinitrotoluene	10.039	165	204765	41.847	ng	#	92
58) Fluorene	10.404	166	599073	39.408	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	144856	39.717	ng	#	97
60) Diethylphthalate	10.280	149	686430	38.542	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	260766	38.098	ng		98
62) 4-Nitroaniline	10.416	138	170123	41.596	ng	#	74
63) Azobenzene	10.557	77	843886	39.120	ng		83
65) 4,6-Dinitro-2-methylph...	10.445	198	89959	40.029	ng		92
66) n-Nitrosodiphenylamine	10.516	169	560351	42.424	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	162151	41.980	ng		93
68) Hexachlorobenzene	10.951	284	189685	42.699	ng		90
69) Atrazine	11.039	200	158788	65.601	ng		98
70) Pentachlorophenol	11.145	266	187901	76.243	ng		92
71) Phenanthrene	11.363	178	891748	41.981	ng		97
72) Anthracene	11.416	178	920077	43.154	ng		100
73) Carbazole	11.569	167	786169	39.155	ng		98
74) Di-n-butylphthalate	11.904	149	1006233	39.532	ng		100
75) Fluoranthene	12.551	202	767525	40.104	ng		92
77) Benzidine	12.674	184	335286	96.394	ng		99
78) Pyrene	12.780	202	794146	39.179	ng		98
80) Butylbenzylphthalate	13.404	149	363609	38.121	ng	#	85
81) Benzo(a)anthracene	13.968	228	529807	40.540	ng		100
82) 3,3'-Dichlorobenzidine	13.933	252	153258	25.669	ng		97
83) Chrysene	14.004	228	576720	42.473	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	425650	39.934	ng		99
85) Di-n-octyl phthalate	14.574	149	856910	45.099	ng		98
87) Indeno(1,2,3-cd)pyrene	16.862	276	798440	46.304	ng		93
88) Benzo(b)fluoranthene	15.010	252	660935	42.550	ng		99
89) Benzo(k)fluoranthene	15.039	252	645611	43.448	ng	#	95
90) Benzo(a)pyrene	15.368	252	662354	51.306	ng		96
91) Dibenzo(a,h)anthracene	16.886	278	661553	47.196	ng		96
92) Benzo(g,h,i)perylene	17.298	276	700649	48.311	ng		93

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

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