Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041422\
Data File : BF127794.D
Acq On : 14 Apr 2022 15:09
Operator : CG\JU
Sample : PB144112BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 15 05:06:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 16:40:15 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB144112BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	141976	20.000	ng		0.00
21) Naphthalene-d8	8.240	136	524366	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	299394	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	555281	20.000	ng		0.00
76) Chrysene-d12	14.145	240	367570	20.000	ng		0.00
86) Perylene-d12	15.663	264	290660	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	1057571	121.038	ng		0.01
7) Phenol-d6	6.587	99	1367004	119.593	ng		0.00
23) Nitrobenzene-d5	7.528	82	978279	83.173	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	410060	128.707	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1661972	78.530	ng		0.00
79) Terphenyl-d14	13.080	244	1950678	87.597	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	152702	36.846	ng	#	83
3) Pyridine	3.657	79	394900	36.178	ng		83
4) n-Nitrosodimethylamine	3.628	42	230164	39.208	ng	#	89
6) Aniline	6.622	93	554667	40.686	ng		95
8) 2-Chlorophenol	6.746	128	426927	48.168	ng		93
9) Benzaldehyde	6.510	77	307868	56.747	ng		98
10) Phenol	6.598	94	530993	46.458	ng		96
11) bis(2-Chloroethyl)ether	6.693	93	426214	45.155	ng		92
12) 1,3-Dichlorobenzene	6.898	146	457013	45.126	ng		98
13) 1,4-Dichlorobenzene	6.975	146	461043	45.034	ng		98
14) 1,2-Dichlorobenzene	7.128	146	437346	44.692	ng		100
15) Benzyl Alcohol	7.098	79	390995m	39.127	ng		
16) 2,2'-oxybis(1-Chloropr...	7.228	45	610211	40.956	ng		95
17) 2-Methylphenol	7.204	107	349217	45.295	ng		99
18) Hexachloroethane	7.469	117	175883	45.023	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	315552	42.682	ng		95
20) 3+4-Methylphenols	7.357	107	425359	43.294	ng	#	73
22) Acetophenone	7.369	105	591228	41.959	ng	#	83
24) Nitrobenzene	7.545	77	505841	44.365	ng		96
25) Isophorone	7.781	82	924203	45.031	ng		98
26) 2-Nitrophenol	7.857	139	218492	53.323	ng		92
27) 2,4-Dimethylphenol	7.887	122	397805	49.587	ng		92
28) bis(2-Chloroethoxy)met...	7.987	93	529445	41.836	ng		98
29) 2,4-Dichlorophenol	8.098	162	376234	43.535	ng		94
30) 1,2,4-Trichlorobenzene	8.181	180	424750	42.705	ng		96
31) Naphthalene	8.263	128	1185884	43.159	ng		98
32) Benzoic acid	8.010	122	247463	42.517	ng		93
33) 4-Chloroaniline	8.310	127	270547	25.001	ng		95
34) Hexachlorobutadiene	8.375	225	282795	41.334	ng		99
35) Caprolactam	8.687	113	117484m	45.996	ng		
36) 4-Chloro-3-methylphenol	8.792	107	398111	43.939	ng		99
37) 2-Methylnaphthalene	8.957	142	795385	43.281	ng		100
38) 1-Methylnaphthalene	9.057	142	766057	43.187	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	424626	43.241	ng	#	98
41) Hexachlorocyclopentadiene	9.104	237	582613	98.493	ng		96
43) 2,4,6-Trichlorophenol	9.234	196	283389	42.507	ng		99

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44) 2,4,5-Trichlorophenol	9.275	196	311160	46.254	ng		93
46) 1,1'-Biphenyl	9.422	154	997567	43.567	ng		99
47) 2-Chloronaphthalene	9.451	162	786440	43.221	ng		99
48) 2-Nitroaniline	9.545	65	275203	48.697	ng		91
49) Acenaphthylene	9.869	152	1270767	45.914	ng		100
50) Dimethylphthalate	9.722	163	932671	42.977	ng		99
51) 2,6-Dinitrotoluene	9.787	165	207530	50.733	ng	#	88
52) Acenaphthene	10.039	154	857918	49.201	ng		98
53) 3-Nitroaniline	9.957	138	145383	33.642	ng		96
54) 2,4-Dinitrophenol	10.063	184	224916	108.881	ng		96
55) Dibenzofuran	10.210	168	1076851	42.320	ng		97
56) 4-Nitrophenol	10.116	139	320602	94.451	ng		89
57) 2,4-Dinitrotoluene	10.192	165	277112	54.640	ng	#	80
58) Fluorene	10.557	166	828584	44.072	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	266358	45.438	ng		99
60) Diethylphthalate	10.422	149	877540	42.257	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	431532	41.774	ng		98
62) 4-Nitroaniline	10.575	138	206165	50.654	ng		94
63) Azobenzene	10.704	77	931796	40.154	ng		96
65) 4,6-Dinitro-2-methylph...	10.598	198	146849	54.753	ng		83
66) n-Nitrosodiphenylamine	10.663	169	737701	42.182	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	287182	42.614	ng		92
68) Hexachlorobenzene	11.098	284	326632	44.338	ng		97
69) Atrazine	11.192	200	288582	49.666	ng		99
70) Pentachlorophenol	11.292	266	374330	85.077	ng		97
71) Phenanthrene	11.522	178	1258454	42.775	ng		99
72) Anthracene	11.575	178	1284309	44.131	ng		99
73) Carbazole	11.728	167	1157100	42.432	ng		98
74) Di-n-butylphthalate	12.051	149	1329377	40.780	ng		99
75) Fluoranthene	12.710	202	1436772	44.753	ng		98
77) Benzidine	12.833	184	696593	72.608	ng		99
78) Pyrene	12.945	202	1449812	46.710	ng		99
80) Butylbenzylphthalate	13.557	149	517174	44.751	ng		87
81) Benzo(a)anthracene	14.133	228	1144864	46.635	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	237925	31.087	ng		98
83) Chrysene	14.169	228	1024415	43.471	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	647173	39.729	ng		99
85) Di-n-octyl phthalate	14.727	149	853317	35.826	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.221	276	959712	52.847	ng		99
88) Benzo(b)fluoranthene	15.210	252	874533	46.771	ng		99
89) Benzo(k)fluoranthene	15.239	252	866160	46.706	ng		99
90) Benzo(a)pyrene	15.598	252	837331	55.096	ng		99
91) Dibenzo(a,h)anthracene	17.245	278	820637	55.773	ng		98
92) Benzo(g,h,i)perylene	17.704	276	852789	56.534	ng		99

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

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