Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129117.D
Acq On : 05 Jul 2022 11:35
Operator : CG\JU
Sample : PB145999BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 05 16:36:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145999BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	474086	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1790625	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	904267	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1559990	20.000	ng		0.00
76) Chrysene-d12	14.145	240	957661	20.000	ng	#	0.00
86) Perylene-d12	15.668	264	877612	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	2809866	100.202	ng		0.00
7) Phenol-d6	6.587	99	3479234	99.900	ng		0.00
23) Nitrobenzene-d5	7.528	82	2251135	74.986	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	1111105	113.003	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	3823328	67.640	ng		0.00
79) Terphenyl-d14	13.086	244	3963382	85.944	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	336573	26.921	ng	#	87
3) Pyridine	3.681	79	862514	28.250	ng	#	84
4) n-Nitrosodimethylamine	3.616	42	506693	36.630	ng	#	73
6) Aniline	6.628	93	1449179	37.206	ng		96
8) 2-Chlorophenol	6.745	128	1210246	41.079	ng		95
9) Benzaldehyde	6.510	77	185505	8.112	ng		98
10) Phenol	6.604	94	1375210m	38.973	ng		
11) bis(2-Chloroethyl)ether	6.692	93	1141130	40.858	ng		92
12) 1,3-Dichlorobenzene	6.898	146	1257904	38.786	ng		99
13) 1,4-Dichlorobenzene	6.975	146	1271525	38.870	ng		99
14) 1,2-Dichlorobenzene	7.128	146	1229484	39.982	ng		100
15) Benzyl Alcohol	7.098	79	964182	39.358	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1562952	39.182	ng		91
17) 2-Methylphenol	7.204	107	954165	39.800	ng		97
18) Hexachloroethane	7.475	117	468863	40.826	ng		96
19) n-Nitroso-di-n-propyla...	7.375	70	786230	39.025	ng		88
20) 3+4-Methylphenols	7.357	107	1159008	38.017	ng		90
22) Acetophenone	7.369	105	1556060	37.882	ng	#	95
24) Nitrobenzene	7.545	77	1207137	41.558	ng		94
25) Isophorone	7.786	82	2234070	44.033	ng		96
26) 2-Nitrophenol	7.857	139	625874	46.362	ng		91
27) 2,4-Dimethylphenol	7.892	122	1112105	45.630	ng		95
28) bis(2-Chloroethoxy)met...	7.986	93	1371072	39.349	ng		99
29) 2,4-Dichlorophenol	8.098	162	985794	39.656	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	1043453	38.144	ng		97
31) Naphthalene	8.269	128	3161256	38.889	ng		98
32) Benzoic acid	8.022	122	760891	38.912	ng		94
33) 4-Chloroaniline	8.310	127	951355	29.044	ng		97
34) Hexachlorobutadiene	8.381	225	634252	38.830	ng		98
35) Caprolactam	8.698	113	312421m	39.633	ng		
36) 4-Chloro-3-methylphenol	8.792	107	1007867	39.904	ng		90
37) 2-Methylnaphthalene	8.957	142	2130255	38.945	ng		100
38) 1-Methylnaphthalene	9.057	142	2025155	38.124	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1000756	39.373	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1180859	88.014	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	695672	40.182	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	735346	39.931	ng		95
46) 1,1'-Biphenyl	9.422	154	2556478	39.324	ng		97
47) 2-Chloronaphthalene	9.451	162	1967045	39.182	ng		98
48) 2-Nitroaniline	9.545	65	585908	44.311	ng	#	82
49) Acenaphthylene	9.869	152	3139483	41.155	ng		96
50) Dimethylphthalate	9.722	163	2278613	40.279	ng		99
51) 2,6-Dinitrotoluene	9.786	165	524039	45.332	ng		95
52) Acenaphthene	10.039	154	2175908m	43.790	ng		
53) 3-Nitroaniline	9.957	138	464118	33.668	ng	#	88
54) 2,4-Dinitrophenol	10.063	184	591442	93.356	ng	#	85
55) Dibenzofuran	10.210	168	2774600	38.348	ng		96
56) 4-Nitrophenol	10.116	139	950637	84.400	ng		94
57) 2,4-Dinitrotoluene	10.192	165	684710	47.979	ng		91
58) Fluorene	10.557	166	2122137	37.918	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.327	232	595507	39.033	ng		99
60) Diethylphthalate	10.422	149	2256232	39.802	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	1073228	38.487	ng		98
62) 4-Nitroaniline	10.580	138	564712	41.311	ng		85
63) Azobenzene	10.704	77	2146290	38.646	ng		94
65) 4,6-Dinitro-2-methylph...	10.604	198	345075	49.999	ng	#	78
66) n-Nitrosodiphenylamine	10.663	169	1930165	40.740	ng		96
67) 4-Bromophenyl-phenylether	11.033	248	688385	41.484	ng		97
68) Hexachlorobenzene	11.104	284	763230	41.305	ng		96
69) Atrazine	11.192	200	609062	45.685	ng		99
70) Pentachlorophenol	11.298	266	930046	84.505	ng		99
71) Phenanthrene	11.522	178	2922497	39.209	ng		96
72) Anthracene	11.574	178	2975065	40.484	ng		97
73) Carbazole	11.727	167	2781578	37.774	ng		99
74) Di-n-butylphthalate	12.045	149	3225973	41.550	ng		98
75) Fluoranthene	12.716	202	2964427	38.030	ng		96
77) Benzidine	12.833	184	918058	53.837	ng		99
78) Pyrene	12.945	202	2967479	44.704	ng		98
80) Butylbenzylphthalate	13.551	149	1219985	45.114	ng		96
81) Benzo(a)anthracene	14.133	228	2456865	42.017	ng		98
82) 3,3'-Dichlorobenzidine	14.098	252	737920	58.405	ng		96
83) Chrysene	14.174	228	2186346	40.276	ng		96
84) Bis(2-ethylhexyl)phtha...	14.110	149	1580029	43.964	ng	#	96
85) Di-n-octyl phthalate	14.727	149	2368338	44.640	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.233	276	2511286	46.656	ng		99
88) Benzo(b)fluoranthene	15.215	252	2360821	44.730	ng		98
89) Benzo(k)fluoranthene	15.251	252	2079904	40.630	ng		99
90) Benzo(a)pyrene	15.609	252	2162123	50.251	ng		98
91) Dibenzo(a,h)anthracene	17.256	278	2163428	49.305	ng		96
92) Benzo(g,h,i)perylene	17.715	276	2221481	50.463	ng		98

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

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