Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129118.D
Acq On : 05 Jul 2022 12:06
Operator : CG\JU
Sample : PB145980BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 05 16:36:55 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 :
PB145980BS

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	461187	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1774966	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	930290	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1692227	20.000	ng		0.00
76) Chrysene-d12	14.151	240	1123318	20.000	ng		0.00
86) Perylene-d12	15.669	264	956442	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	2828387	103.684	ng		0.00
7) Phenol-d6	6.587	99	3499366	103.288	ng		0.00
23) Nitrobenzene-d5	7.528	82	2252906	75.707	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	1183666	117.015	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	3860660	66.390	ng		0.00
79) Terphenyl-d14	13.086	244	4361951	80.638	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	334972	27.543	ng		87
3) Pyridine	3.675	79	845077	28.453	ng		83
4) n-Nitrosodimethylamine	3.611	42	506806	37.663	ng	#	75
6) Aniline	6.622	93	1451366	38.305	ng		98
8) 2-Chlorophenol	6.746	128	1208805	42.177	ng		95
9) Benzaldehyde	6.510	77	187532	8.528	ng		98
10) Phenol	6.604	94	1386367m	40.388	ng		
11) bis(2-Chloroethyl)ether	6.693	93	1137095	41.853	ng		93
12) 1,3-Dichlorobenzene	6.899	146	1238676	39.261	ng		99
13) 1,4-Dichlorobenzene	6.975	146	1256482	39.484	ng		99
14) 1,2-Dichlorobenzene	7.128	146	1218253	40.725	ng		99
15) Benzyl Alcohol	7.104	79	965817	40.527	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1566786	40.376	ng		90
17) 2-Methylphenol	7.204	107	949342	40.706	ng		98
18) Hexachloroethane	7.469	117	462206	41.372	ng		92
19) n-Nitroso-di-n-propyla...	7.375	70	782661	39.935	ng	#	87
20) 3+4-Methylphenols	7.357	107	1167615	39.370	ng		89
22) Acetophenone	7.369	105	1558227	38.269	ng	#	95
24) Nitrobenzene	7.546	77	1207984	41.954	ng		94
25) Isophorone	7.781	82	2244720	44.633	ng		98
26) 2-Nitrophenol	7.857	139	635845	47.516	ng		90
27) 2,4-Dimethylphenol	7.893	122	1119576	46.342	ng		96
28) bis(2-Chloroethoxy)met...	7.987	93	1375683	39.829	ng		99
29) 2,4-Dichlorophenol	8.098	162	981582	39.834	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	1039267	38.327	ng		96
31) Naphthalene	8.269	128	3148735	39.077	ng		98
32) Benzoic acid	8.022	122	781756	40.332	ng		94
33) 4-Chloroaniline	8.310	127	949991	29.258	ng		97
34) Hexachlorobutadiene	8.381	225	628671	38.828	ng		98
35) Caprolactam	8.698	113	320509m	41.018	ng		
36) 4-Chloro-3-methylphenol	8.793	107	1023313	40.873	ng		92
37) 2-Methylnaphthalene	8.957	142	2121518	39.127	ng		99
38) 1-Methylnaphthalene	9.057	142	2038408	38.712	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1013386	38.754	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1200786	86.996	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	708045	39.753	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	750456	39.612	ng		96
46) 1,1'-Biphenyl	9.422	154	2570874	38.439	ng		97
47) 2-Chloronaphthalene	9.451	162	1981334	38.362	ng		99
48) 2-Nitroaniline	9.545	65	612273	45.010	ng	#	82
49) Acenaphthylene	9.869	152	3192908	40.685	ng		97
50) Dimethylphthalate	9.722	163	2356360	40.488	ng		99
51) 2,6-Dinitrotoluene	9.787	165	539182	45.338	ng		96
52) Acenaphthene	10.040	154	2225372m	43.533	ng		
53) 3-Nitroaniline	9.957	138	497598	35.086	ng	#	90
54) 2,4-Dinitrophenol	10.063	184	644347	98.457	ng	#	86
55) Dibenzofuran	10.210	168	2807229	37.713	ng		95
56) 4-Nitrophenol	10.122	139	1018569	87.902	ng		88
57) 2,4-Dinitrotoluene	10.192	165	731044	49.793	ng		95
58) Fluorene	10.557	166	2185619	37.960	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	632214	40.280	ng		100
60) Diethylphthalate	10.422	149	2347956	40.262	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	1110426	38.707	ng		99
62) 4-Nitroaniline	10.581	138	612520	43.554	ng		88
63) Azobenzene	10.704	77	2223139	38.910	ng		94
65) 4,6-Dinitro-2-methylph...	10.604	198	378159	50.511	ng	#	79
66) n-Nitrosodiphenylamine	10.663	169	1999150	38.899	ng		95
67) 4-Bromophenyl-phenylether	11.034	248	723724	40.205	ng		97
68) Hexachlorobenzene	11.104	284	799764	39.900	ng		97
69) Atrazine	11.192	200	655918	45.355	ng		98
70) Pentachlorophenol	11.298	266	999730	83.738	ng		98
71) Phenanthrene	11.522	178	3097251	38.307	ng		97
72) Anthracene	11.575	178	3127156	39.228	ng		96
73) Carbazole	11.728	167	3039083	38.046	ng		98
74) Di-n-butylphthalate	12.051	149	3485032	41.379	ng		98
75) Fluoranthene	12.716	202	3316841	39.225	ng		94
77) Benzidine	12.833	184	1107135	55.351	ng		99
78) Pyrene	12.945	202	3354801	43.086	ng		97
80) Butylbenzylphthalate	13.557	149	1452039	45.776	ng		90
81) Benzo(a)anthracene	14.139	228	2840942	41.420	ng		97
82) 3,3'-Dichlorobenzidine	14.098	252	866661	58.479	ng		97
83) Chrysene	14.175	228	2540809	39.903	ng		95
84) Bis(2-ethylhexyl)phtha...	14.110	149	1911437	45.342	ng	#	96
85) Di-n-octyl phthalate	14.727	149	2864666	46.033	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.233	276	2512401	42.829	ng		98
88) Benzo(b)fluoranthene	15.216	252	2601391	45.226	ng		98
89) Benzo(k)fluoranthene	15.251	252	2366434	42.417	ng		98
90) Benzo(a)pyrene	15.610	252	2368740	50.516	ng		97
91) Dibenzo(a,h)anthracene	17.257	278	2152362	45.010	ng		95
92) Benzo(g,h,i)perylene	17.715	276	2192639	45.702	ng		98

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

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