Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129155.D
Acq On : 07 Jul 2022 13:07
Operator : CG\JU
Sample : PB146073BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 07 14:25:38 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 :
PB146073BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	401004	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	1560549	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	790807	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1383919	20.000	ng		0.00
76) Chrysene-d12	14.145	240	866926	20.000	ng		0.00
86) Perylene-d12	15.668	264	784976	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	2758246	116.288	ng		0.00
7) Phenol-d6	6.586	99	3041016	103.231	ng		0.00
23) Nitrobenzene-d5	7.522	82	1954558	74.706	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	1013576	117.873	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	3508985	70.986	ng		0.00
79) Terphenyl-d14	13.086	244	3609604	86.464	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	322405	30.488	ng		86
3) Pyridine	3.669	79	773204	29.940	ng		85
4) n-Nitrosodimethylamine	3.610	42	512324	43.787	ng		82
6) Aniline	6.622	93	1248547	37.897	ng		97
8) 2-Chlorophenol	6.739	128	1052995	42.255	ng		96
9) Benzaldehyde	6.504	77	147889	7.506	ng		98
10) Phenol	6.598	94	1168552m	39.152	ng		
11) bis(2-Chloroethyl)ether	6.692	93	996314	42.175	ng		89
12) 1,3-Dichlorobenzene	6.898	146	1064288	38.797	ng		96
13) 1,4-Dichlorobenzene	6.975	146	1091646	39.453	ng		99
14) 1,2-Dichlorobenzene	7.128	146	1058464	40.693	ng		99
15) Benzyl Alcohol	7.098	79	849490	40.996	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1275178	37.793	ng		87
17) 2-Methylphenol	7.204	107	867978	42.803	ng		97
18) Hexachloroethane	7.469	117	404399	41.630	ng		96
19) n-Nitroso-di-n-propyla...	7.369	70	679209	39.857	ng	#	87
20) 3+4-Methylphenols	7.357	107	1005268	38.983	ng		98
22) Acetophenone	7.369	105	1355242	37.857	ng	#	93
24) Nitrobenzene	7.539	77	1040086	41.086	ng		96
25) Isophorone	7.781	82	1943238	43.948	ng		97
26) 2-Nitrophenol	7.857	139	550756	46.813	ng	#	84
27) 2,4-Dimethylphenol	7.886	122	964908	45.428	ng		98
28) bis(2-Chloroethoxy)met...	7.986	93	1181209	38.898	ng		98
29) 2,4-Dichlorophenol	8.092	162	856157	39.518	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	914558	38.362	ng		97
31) Naphthalene	8.263	128	2796056	39.467	ng		98
32) Benzoic acid	8.016	122	655183	38.446	ng		96
33) 4-Chloroaniline	8.310	127	905828	31.731	ng		96
34) Hexachlorobutadiene	8.375	225	565815	39.747	ng		100
35) Caprolactam	8.692	113	267745m	38.973	ng		
36) 4-Chloro-3-methylphenol	8.786	107	893930	40.611	ng		94
37) 2-Methylnaphthalene	8.951	142	1879412	39.425	ng		100
38) 1-Methylnaphthalene	9.051	142	1787076	38.602	ng		98
40) 1,2,4,5-Tetrachloroben...	9.122	216	893752	40.208	ng		99
41) Hexachlorocyclopentadiene	9.104	237	1025164	87.372	ng		99
43) 2,4,6-Trichlorophenol	9.227	196	604687	39.938	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	650728	40.406	ng		97
46)	1,1'-Biphenyl	9.422	154	2246948	39.522	ng		98
47)	2-Chloronaphthalene	9.445	162	1713847	39.036	ng		99
48)	2-Nitroaniline	9.545	65	519120	44.893	ng	#	74
49)	Acenaphthylene	9.863	152	2776951	41.626	ng		98
50)	Dimethylphthalate	9.722	163	2002312	40.473	ng		99
51)	2,6-Dinitrotoluene	9.786	165	459021	45.405	ng		88
52)	Acenaphthene	10.039	154	1889930	43.492	ng		99
53)	3-Nitroaniline	9.957	138	396940	32.926	ng	#	87
54)	2,4-Dinitrophenol	10.063	184	510692	92.262	ng	#	84
55)	Dibenzofuran	10.210	168	2413699	38.146	ng		97
56)	4-Nitrophenol	10.116	139	816274	82.869	ng		96
57)	2,4-Dinitrotoluene	10.192	165	599766	48.056	ng		90
58)	Fluorene	10.551	166	1870073	38.208	ng		96
59)	2,3,4,6-Tetrachlorophenol	10.327	232	539111	40.406	ng		99
60)	Diethylphthalate	10.422	149	1971600	39.771	ng		98
61)	4-Chlorophenyl-phenyle...	10.539	204	943731	38.699	ng		95
62)	4-Nitroaniline	10.580	138	490393	41.021	ng		86
63)	Azobenzene	10.704	77	1842710	37.940	ng		92
65)	4,6-Dinitro-2-methylph...	10.598	198	308039	50.311	ng		90
66)	n-Nitrosodiphenylamine	10.663	169	1689853	40.206	ng		96
67)	4-Bromophenyl-phenylether	11.033	248	613431	41.670	ng		98
68)	Hexachlorobenzene	11.104	284	686649	41.888	ng	#	91
69)	Atrazine	11.186	200	534413	45.186	ng		98
70)	Pentachlorophenol	11.298	266	818128	83.794	ng		98
71)	Phenanthrene	11.521	178	2572307	38.902	ng		97
72)	Anthracene	11.574	178	2583669	39.631	ng		98
73)	Carbazole	11.727	167	2442566	37.391	ng		99
74)	Di-n-butylphthalate	12.045	149	2859985	41.523	ng		98
75)	Fluoranthene	12.716	202	2642985	38.220	ng		98
77)	Benzidine	12.833	184	878241	56.893	ng		99
78)	Pyrene	12.945	202	2634201	43.836	ng		99
80)	Butylbenzylphthalate	13.551	149	1081578	44.181	ng		96
81)	Benzo(a)anthracene	14.133	228	2202639	41.612	ng		98
82)	3,3'-Dichlorobenzidine	14.098	252	679653	59.423	ng		97
83)	Chrysene	14.174	228	1964042	39.968	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.110	149	1415401	43.505	ng	#	97
85)	Di-n-octyl phthalate	14.727	149	2143862	44.638	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	17.239	276	2486870	51.654	ng		99
88)	Benzo(b)fluoranthene	15.221	252	2116815	44.840	ng		100
89)	Benzo(k)fluoranthene	15.251	252	1948035	42.544	ng		99
90)	Benzo(a)pyrene	15.609	252	1959038	50.905	ng		98
91)	Dibenzo(a,h)anthracene	17.262	278	2155588	54.924	ng		98
92)	Benzo(g,h,i)perylene	17.721	276	2191340	55.652	ng		99

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

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