Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071422\
Data File : BF129225.D
Acq On : 14 Jul 2022 17:46
Operator : CG\JU
Sample : PB146162BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 14 18:44:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 16:23:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146162BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	270051	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1092497	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	559063	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	911372	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	583915	20.000	ng	#	0.00
86) Perylene-d12	15.562	264	477182	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	2278844	133.039	ng		0.01
7) Phenol-d6	6.534	99	2904337	132.865	ng		0.00
23) Nitrobenzene-d5	7.463	82	1853080	89.908	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	676870	134.498	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2967730	82.038	ng		0.00
79) Terphenyl-d14	13.016	244	2889893	99.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	321269	40.535	ng		91
3) Pyridine	3.593	79	894665	44.597	ng		91
4) n-Nitrosodimethylamine	3.546	42	490023	49.146	ng		92
6) Aniline	6.563	93	1191767	46.858	ng		99
8) 2-Chlorophenol	6.687	128	955657	53.972	ng		98
9) Benzaldehyde	6.451	77	542941	61.095	ng		95
10) Phenol	6.545	94	1196425	51.508	ng		92
11) bis(2-Chloroethyl)ether	6.634	93	918179	52.494	ng		97
12) 1,3-Dichlorobenzene	6.839	146	948012	50.137	ng		98
13) 1,4-Dichlorobenzene	6.916	146	964109	50.692	ng		98
14) 1,2-Dichlorobenzene	7.069	146	927193	50.889	ng		98
15) Benzyl Alcohol	7.039	79	789132m	52.347	ng		
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1490736	52.664	ng		95
17) 2-Methylphenol	7.151	107	762180	52.383	ng		99
18) Hexachloroethane	7.410	117	374391	52.152	ng	#	89
19) n-Nitroso-di-n-propyla...	7.310	70	644543	51.517	ng		98
20) 3+4-Methylphenols	7.304	107	904946	50.233	ng	#	88
22) Acetophenone	7.310	105	1244050	49.188	ng	#	98
24) Nitrobenzene	7.481	77	1002456	51.235	ng		98
25) Isophorone	7.722	82	1846059	54.263	ng		99
26) 2-Nitrophenol	7.798	139	503438	54.223	ng		93
27) 2,4-Dimethylphenol	7.834	122	870408	57.940	ng		97
28) bis(2-Chloroethoxy)met...	7.928	93	1128214	50.309	ng		100
29) 2,4-Dichlorophenol	8.039	162	751546	50.376	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	749113	47.936	ng		96
31) Naphthalene	8.204	128	2607405	50.525	ng		99
32) Benzoic acid	7.957	122	596193	50.568	ng		96
33) 4-Chloroaniline	8.251	127	795227	37.625	ng		98
34) Hexachlorobutadiene	8.316	225	420068	48.410	ng		99
35) Caprolactam	8.628	113	257408m	51.976	ng		
36) 4-Chloro-3-methylphenol	8.733	107	818600	50.129	ng		96
37) 2-Methylnaphthalene	8.898	142	1681901	50.743	ng		99
38) 1-Methylnaphthalene	8.998	142	1601934	49.891	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	665621	46.912	ng	#	97
41) Hexachlorocyclopentadiene	9.045	237	866230	123.143	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	510529	48.361	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	534205	49.714	ng		96
46)	1,1'-Biphenyl	9.363	154	1951493	48.363	ng		99
47)	2-Chloronaphthalene	9.386	162	1544276	48.795	ng		98
48)	2-Nitroaniline	9.480	65	537447	50.180	ng		97
49)	Acenaphthylene	9.804	152	2389405	50.689	ng		100
50)	Dimethylphthalate	9.663	163	1776448	49.480	ng		99
51)	2,6-Dinitrotoluene	9.728	165	416952	53.935	ng		99
52)	Acenaphthene	9.975	154	1658588m	54.296	ng		
53)	3-Nitroaniline	9.898	138	354993	37.801	ng	#	90
54)	2,4-Dinitrophenol	10.004	184	432007	94.098	ng		95
55)	Dibenzofuran	10.151	168	2059346	47.474	ng		97
56)	4-Nitrophenol	10.057	139	774939	104.283	ng		95
57)	2,4-Dinitrotoluene	10.133	165	550381	54.708	ng		93
58)	Fluorene	10.492	166	1631635	49.402	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.263	232	409802	50.081	ng	#	91
60)	Diethylphthalate	10.363	149	1713925	49.578	ng		100
61)	4-Chlorophenyl-phenyle...	10.480	204	718798	47.745	ng		90
62)	4-Nitroaniline	10.516	138	467806	50.513	ng		94
63)	Azobenzene	10.639	77	1808439	48.195	ng		95
65)	4,6-Dinitro-2-methylph...	10.539	198	268625	47.651	ng		95
66)	n-Nitrosodiphenylamine	10.604	169	1448511	50.184	ng		96
67)	4-Bromophenyl-phenylether	10.974	248	460264	49.575	ng		98
68)	Hexachlorobenzene	11.039	284	507050	51.567	ng		99
69)	Atrazine	11.127	200	467679	60.294	ng		96
70)	Pentachlorophenol	11.233	266	580065	102.143	ng		98
71)	Phenanthrene	11.457	178	2266036	49.416	ng		99
72)	Anthracene	11.510	178	2306626	50.649	ng		99
73)	Carbazole	11.663	167	2209858	47.894	ng		99
74)	Di-n-butylphthalate	11.986	149	2566687	51.283	ng		99
75)	Fluoranthene	12.645	202	2319152	49.634	ng		95
77)	Benzidine	12.769	184	1237363	97.608	ng		100
78)	Pyrene	12.874	202	2350617	52.499	ng		100
80)	Butylbenzylphthalate	13.486	149	1072974	55.756	ng		99
81)	Benzo(a)anthracene	14.063	228	1910276	51.845	ng		99
82)	3,3'-Dichlorobenzidine	14.027	252	481829	55.402	ng		96
83)	Chrysene	14.104	228	1785623	51.202	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	1416703	55.985	ng		98
85)	Di-n-octyl phthalate	14.657	149	2145435	55.130	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.074	276	1535372	52.268	ng		96
88)	Benzo(b)fluoranthene	15.127	252	1633817	55.953	ng	#	98
89)	Benzo(k)fluoranthene	15.157	252	1543260m	54.630	ng		
90)	Benzo(a)pyrene	15.498	252	1379728	57.588	ng	#	96
91)	Dibenzo(a,h)anthracene	17.092	278	1300653	55.219	ng	#	97
92)	Benzo(g,h,i)perylene	17.539	276	1366811	56.326	ng		96

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

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