Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
Data File : BF130071.D
Acq On : 01 Sep 2022 10:52
Operator : CG\JU
Sample : PB147382BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 01 12:43:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147382BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
09/02/2022
Supervised By :Jagrut Upadhyay
09/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	317982	20.000	ng		0.00
21) Naphthalene-d8	7.992	136	1321852	20.000	ng		0.00
39) Acenaphthene-d10	9.745	164	694199	20.000	ng		0.00
64) Phenanthrene-d10	11.222	188	1088250	20.000	ng	#	0.00
76) Chrysene-d12	13.851	240	543405	20.000	ng	#	0.00
86) Perylene-d12	15.251	264	521467	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	2408526	128.587	ng		0.02
7) Phenol-d6	6.351	99	2996563	128.323	ng		0.00
23) Nitrobenzene-d5	7.281	82	1898349	92.294	ng		0.00
42) 2,4,6-Tribromophenol	10.533	330	854132	135.166	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	3174560	75.818	ng		0.00
79) Terphenyl-d14	12.810	244	3003121	95.836	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	293247	33.500	ng		95
3) Pyridine	3.163	79	812630	34.620	ng		93
4) n-Nitrosodimethylamine	3.122	42	426203	46.170	ng		83
6) Aniline	6.375	93	1278756	43.678	ng	#	50
8) 2-Chlorophenol	6.492	128	1038339	50.506	ng		99
9) Benzaldehyde	6.257	77	462766	32.377	ng		95
10) Phenol	6.363	94	1116924	42.315	ng	#	74
11) bis(2-Chloroethyl)ether	6.451	93	977173	48.725	ng		99
12) 1,3-Dichlorobenzene	6.645	146	1014808	44.528	ng		98
13) 1,4-Dichlorobenzene	6.728	146	1010149	44.003	ng		96
14) 1,2-Dichlorobenzene	6.875	146	970110	46.488	ng		99
15) Benzyl Alcohol	6.857	79	752380	47.801	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.992	45	1287240	47.228	ng	#	52
17) 2-Methylphenol	6.969	107	837606	48.426	ng	#	87
18) Hexachloroethane	7.216	117	395467	47.706	ng		98
19) n-Nitroso-di-n-propyla...	7.139	70	662277	47.076	ng		91
20) 3+4-Methylphenols	7.128	107	861691	42.482	ng	#	71
22) Acetophenone	7.128	105	1270742	43.029	ng	#	93
24) Nitrobenzene	7.298	77	982740	44.926	ng		99
25) Isophorone	7.539	82	1978358	47.522	ng		98
26) 2-Nitrophenol	7.610	139	527585	51.098	ng		93
27) 2,4-Dimethylphenol	7.651	122	911410	52.175	ng		97
28) bis(2-Chloroethoxy)met...	7.751	93	1221361	48.840	ng		98
29) 2,4-Dichlorophenol	7.851	162	836544	44.771	ng		98
30) 1,2,4-Trichlorobenzene	7.934	180	837352	42.502	ng		97
31) Naphthalene	8.016	128	2722782	40.841	ng		99
32) Benzoic acid	7.798	122	744173m	51.604	ng		
33) 4-Chloroaniline	8.063	127	1031785	38.307	ng		99
34) Hexachlorobutadiene	8.128	225	486346	43.103	ng		100
35) Caprolactam	8.463	113	219549m	37.917	ng		
36) 4-Chloro-3-methylphenol	8.551	107	866454	45.826	ng		95
37) 2-Methylnaphthalene	8.704	142	1803520	41.996	ng		98
38) 1-Methylnaphthalene	8.804	142	1681874	40.291	ng		100
40) 1,2,4,5-Tetrachloroben...	8.869	216	741557	40.965	ng		99
41) Hexachlorocyclopentadiene	8.857	237	985287	104.150	ng		98
43) 2,4,6-Trichlorophenol	8.981	196	562330	43.520	ng		97

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44)	2,4,5-Trichlorophenol	9.022	196	619241	44.216	ng		97
46)	1,1'-Biphenyl	9.169	154	2080282	41.248	ng		99
47)	2-Chloronaphthalene	9.192	162	1643996	40.683	ng		98
48)	2-Nitroaniline	9.292	65	499955	50.207	ng		87
49)	Acenaphthylene	9.610	152	2471757	40.281	ng		100
50)	Dimethylphthalate	9.480	163	1986395	42.010	ng		99
51)	2,6-Dinitrotoluene	9.539	165	446651	48.450	ng		89
52)	Acenaphthene	9.780	154	1723918m	44.577	ng		
53)	3-Nitroaniline	9.710	138	432491	40.873	ng		90
54)	2,4-Dinitrophenol	9.810	184	402560	94.547	ng		94
55)	Dibenzofuran	9.951	168	2198362	39.698	ng		98
56)	4-Nitrophenol	9.875	139	716636	87.847	ng		89
57)	2,4-Dinitrotoluene	9.939	165	520950	49.082	ng	#	92
58)	Fluorene	10.292	166	1604081	38.070	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.063	232	462808	42.547	ng	#	80
60)	Diethylphthalate	10.180	149	1860135	40.665	ng		99
61)	4-Chlorophenyl-phenyle...	10.286	204	747277	40.120	ng		98
62)	4-Nitroaniline	10.328	138	469283	45.602	ng		95
63)	Azobenzene	10.445	77	1787015	39.678	ng		95
65)	4,6-Dinitro-2-methylph...	10.345	198	239699	46.940	ng		96
66)	n-Nitrosodiphenylamine	10.410	169	1548530	42.566	ng		99
67)	4-Bromophenyl-phenylether	10.775	248	532882	44.023	ng		95
68)	Hexachlorobenzene	10.833	284	585052	44.357	ng		94
69)	Atrazine	10.939	200	475046	46.157	ng		98
70)	Pentachlorophenol	11.027	266	673767	91.353	ng		96
71)	Phenanthrene	11.251	178	2305973	39.073	ng		98
72)	Anthracene	11.304	178	2363718	40.742	ng		99
73)	Carbazole	11.457	167	2184105	40.824	ng		99
74)	Di-n-butylphthalate	11.792	149	2666938	41.340	ng		99
75)	Fluoranthene	12.433	202	2281397	38.983	ng		97
77)	Benzidine	12.557	184	1147769	78.232	ng		99
78)	Pyrene	12.657	202	2267087	46.513	ng		98
80)	Butylbenzylphthalate	13.286	149	948829	48.942	ng		100
81)	Benzo(a)anthracene	13.839	228	1566440	42.063	ng		99
82)	3,3'-Dichlorobenzidine	13.810	252	512041	44.091	ng		100
83)	Chrysene	13.880	228	1565478	42.638	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.845	149	1049276	43.543	ng		100
85)	Di-n-octyl phthalate	14.457	149	1767936	46.445	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.604	276	1614864	46.946	ng	#	95
88)	Benzo(b)fluoranthene	14.857	252	1525748	43.875	ng		99
89)	Benzo(k)fluoranthene	14.886	252	1446673	43.014	ng		97
90)	Benzo(a)pyrene	15.198	252	1313731	47.543	ng		98
91)	Dibenzo(a,h)anthracene	16.627	278	1395733	49.588	ng	#	95
92)	Benzo(g,h,i)perylene	17.015	276	1407314	49.973	ng	#	92

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

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