Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130406.D
Acq On : 26 Sep 2022 13:49
Operator : CG\JU
Sample : PB147850BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 27 01:04:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 27 01:00:47 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.651	152	112097	20.000	ng		0.00
21) Naphthalene-d8	7.939	136	444510	20.000	ng	#	0.00
39) Acenaphthene-d10	9.692	164	239027	20.000	ng		0.00
64) Phenanthrene-d10	11.169	188	408935	20.000	ng		0.00
76) Chrysene-d12	13.804	240	235001	20.000	ng		0.00
86) Perylene-d12	15.192	264	202562	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	872472	134.997	ng		0.02
7) Phenol-d6	6.304	99	1068859	132.176	ng		0.01
23) Nitrobenzene-d5	7.222	82	683676	78.576	ng		0.00
42) 2,4,6-Tribromophenol	10.480	330	369827	161.473	ng		0.00
45) 2-Fluorobiphenyl	9.016	172	1348989	82.183	ng		0.00
79) Terphenyl-d14	12.757	244	1436878	101.284	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.352	88	97302	32.782	ng		96
3) Pyridine	3.034	79	256377	33.112	ng		92
4) n-Nitrosodimethylamine	2.993	42	151106	35.882	ng		93
6) Aniline	6.316	93	390165	39.158	ng	#	27
8) 2-Chlorophenol	6.440	128	341856	46.434	ng		93
9) Benzaldehyde	6.198	77	199973	36.917	ng		95
10) Phenol	6.316	94	409125	43.172	ng	#	75
11) bis(2-Chloroethyl)ether	6.398	93	303450	44.394	ng		92
12) 1,3-Dichlorobenzene	6.592	146	365194	45.081	ng		96
13) 1,4-Dichlorobenzene	6.669	146	370182	44.812	ng		98
14) 1,2-Dichlorobenzene	6.822	146	349691	45.315	ng		97
15) Benzyl Alcohol	6.804	79	228266	35.602	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.934	45	374304	37.545	ng		81
17) 2-Methylphenol	6.922	107	293331	49.013	ng		97
18) Hexachloroethane	7.163	117	139415	42.814	ng		94
19) n-Nitroso-di-n-propyla...	7.081	70	224563	41.154	ng		91
20) 3+4-Methylphenols	7.075	107	347969	44.758	ng	#	80
22) Acetophenone	7.069	105	481640	44.319	ng	#	91
24) Nitrobenzene	7.239	77	351537	39.790	ng		95
25) Isophorone	7.481	82	621381	44.310	ng		99
26) 2-Nitrophenol	7.557	139	185615	51.252	ng		88
27) 2,4-Dimethylphenol	7.604	122	275458	49.397	ng		93
28) bis(2-Chloroethoxy)met...	7.698	93	372909	47.225	ng		100
29) 2,4-Dichlorophenol	7.804	162	289392	47.357	ng		95
30) 1,2,4-Trichlorobenzene	7.881	180	296525	44.882	ng		94
31) Naphthalene	7.957	128	988582	43.168	ng		99
32) Benzoic acid	7.751	122	189899	44.036	ng		97
33) 4-Chloroaniline	8.016	127	270459	31.052	ng		95
34) Hexachlorobutadiene	8.075	225	188302	44.597	ng		99
35) Caprolactam	8.392	113	90439m	51.625	ng		
36) 4-Chloro-3-methylphenol	8.510	107	316915	46.789	ng		96
37) 2-Methylnaphthalene	8.651	142	647040	44.314	ng		99
38) 1-Methylnaphthalene	8.751	142	614817	43.832	ng		99
40) 1,2,4,5-Tetrachloroben...	8.816	216	302506	46.374	ng		99
41) Hexachlorocyclopentadiene	8.804	237	370072	105.964	ng		99
43) 2,4,6-Trichlorophenol	8.934	196	206492	45.357	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.975	196	225151	45.830	ng		98
46)	1,1'-Biphenyl	9.116	154	801385	44.892	ng		99
47)	2-Chloronaphthalene	9.139	162	624886	43.272	ng		98
48)	2-Nitroaniline	9.239	65	194845	40.454	ng		95
49)	Acenaphthylene	9.551	152	949421	43.850	ng		99
50)	Dimethylphthalate	9.428	163	742233	44.954	ng		99
51)	2,6-Dinitrotoluene	9.486	165	165132	47.822	ng	#	83
52)	Acenaphthene	9.728	154	691953m	48.640	ng		
53)	3-Nitroaniline	9.651	138	125181	32.534	ng		92
54)	2,4-Dinitrophenol	9.763	184	175632	92.686	ng		89
55)	Dibenzofuran	9.898	168	866100	43.771	ng		97
56)	4-Nitrophenol	9.833	139	251903	89.886	ng	#	84
57)	2,4-Dinitrotoluene	9.886	165	221062	50.092	ng		95
58)	Fluorene	10.239	166	705077	43.571	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.016	232	182251	47.396	ng		92
60)	Diethylphthalate	10.122	149	725563	43.821	ng		98
61)	4-Chlorophenyl-phenyle...	10.233	204	334708	47.149	ng		95
62)	4-Nitroaniline	10.269	138	173473	44.880	ng		92
63)	Azobenzene	10.392	77	658147	38.603	ng		95
65)	4,6-Dinitro-2-methylph...	10.298	198	115497	50.736	ng	#	76
66)	n-Nitrosodiphenylamine	10.357	169	606393	44.375	ng		99
67)	4-Bromophenyl-phenylether	10.722	248	214607	47.572	ng		95
68)	Hexachlorobenzene	10.780	284	247989	48.494	ng		98
69)	Atrazine	10.886	200	203939	51.067	ng		97
70)	Pentachlorophenol	10.980	266	252204	91.894	ng		98
71)	Phenanthrene	11.198	178	1006403	43.834	ng		100
72)	Anthracene	11.251	178	1006984	45.449	ng		99
73)	Carbazole	11.410	167	918404	45.930	ng		99
74)	Di-n-butylphthalate	11.739	149	1089781	45.196	ng		99
75)	Fluoranthene	12.380	202	993432	44.778	ng		99
77)	Benzidine	12.510	184	431907	63.312	ng		99
78)	Pyrene	12.610	202	992686	48.287	ng		100
80)	Butylbenzylphthalate	13.233	149	367374	48.238	ng		98
81)	Benzo(a)anthracene	13.792	228	716717	45.845	ng		99
82)	3,3'-Dichlorobenzidine	13.763	252	188682	44.338	ng		99
83)	Chrysene	13.833	228	660037	44.465	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.792	149	424560	48.668	ng		99
85)	Di-n-octyl phthalate	14.410	149	628773	47.125	ng		95
87)	Indeno(1,2,3-cd)pyrene	16.521	276	662970	46.153	ng		98
88)	Benzo(b)fluoranthene	14.810	252	654486m	49.503	ng		
89)	Benzo(k)fluoranthene	14.833	252	574408	44.166	ng		99
90)	Benzo(a)pyrene	15.139	252	529631	50.565	ng		99
91)	Dibenzo(a,h)anthracene	16.545	278	575270	48.818	ng		97
92)	Benzo(g,h,i)perylene	16.933	276	574116	48.365	ng		99

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

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