Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130409.D
Acq On : 26 Sep 2022 15:32
Operator : CG\JU
Sample : PB147858BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 27 01:05:50 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 :
PB147858BSD

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	110684	20.000	ng		0.00
21) Naphthalene-d8	7.939	136	431041	20.000	ng	#	0.00
39) Acenaphthene-d10	9.686	164	235927	20.000	ng		0.00
64) Phenanthrene-d10	11.169	188	409581	20.000	ng		0.00
76) Chrysene-d12	13.804	240	238467	20.000	ng		0.00
86) Perylene-d12	15.192	264	207118	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	640359	100.347	ng		0.02
7) Phenol-d6	6.298	99	769578	96.382	ng		0.00
23) Nitrobenzene-d5	7.222	82	727436	86.218	ng		0.00
42) 2,4,6-Tribromophenol	10.480	330	252647	111.760	ng		0.00
45) 2-Fluorobiphenyl	9.016	172	1418985	87.583	ng		0.00
79) Terphenyl-d14	12.757	244	1509709	104.871	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.369	88	101560	34.653	ng		96
3) Pyridine	3.040	79	270621	35.397	ng		95
4) n-Nitrosodimethylamine	3.004	42	160383	38.571	ng		93
6) Aniline	6.316	93	411425	41.819	ng	#	60
8) 2-Chlorophenol	6.439	128	361766	49.766	ng		92
9) Benzaldehyde	6.198	77	197845	36.991	ng		96
10) Phenol	6.310	94	424778	45.396	ng		80
11) bis(2-Chloroethyl)ether	6.392	93	317560	47.051	ng		97
12) 1,3-Dichlorobenzene	6.592	146	380375	47.555	ng		97
13) 1,4-Dichlorobenzene	6.669	146	388519	47.632	ng		98
14) 1,2-Dichlorobenzene	6.822	146	368016	48.298	ng		97
15) Benzyl Alcohol	6.804	79	237079	37.449	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.933	45	397142	40.344	ng		82
17) 2-Methylphenol	6.922	107	296793	50.225	ng		97
18) Hexachloroethane	7.163	117	147101	45.751	ng		93
19) n-Nitroso-di-n-propyla...	7.081	70	235822	43.769	ng		91
20) 3+4-Methylphenols	7.075	107	360592	46.974	ng	#	78
22) Acetophenone	7.069	105	511510	48.538	ng	#	91
24) Nitrobenzene	7.239	77	370171	43.209	ng		95
25) Isophorone	7.481	82	652977	48.018	ng		98
26) 2-Nitrophenol	7.557	139	196334	55.905	ng	#	87
27) 2,4-Dimethylphenol	7.604	122	286383	52.961	ng		96
28) bis(2-Chloroethoxy)met...	7.698	93	389820	50.909	ng		99
29) 2,4-Dichlorophenol	7.804	162	294863	49.760	ng		95
30) 1,2,4-Trichlorobenzene	7.880	180	307355	47.975	ng		96
31) Naphthalene	7.957	128	1023095	46.071	ng		100
32) Benzoic acid	7.751	122	207097	49.525	ng		96
33) 4-Chloroaniline	8.016	127	280233	33.180	ng		94
34) Hexachlorobutadiene	8.075	225	196883	48.086	ng		100
35) Caprolactam	8.398	113	91942m	54.123	ng		
36) 4-Chloro-3-methylphenol	8.510	107	329092	50.105	ng		99
37) 2-Methylnaphthalene	8.651	142	678963	47.954	ng		99
38) 1-Methylnaphthalene	8.751	142	637821	46.893	ng		100
40) 1,2,4,5-Tetrachloroben...	8.816	216	317330	49.286	ng		99
41) Hexachlorocyclopentadiene	8.798	237	391203	113.486	ng		98
43) 2,4,6-Trichlorophenol	8.933	196	213906	47.603	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.975	196	235220	48.509	ng		97
46)	1,1'-Biphenyl	9.116	154	825598	46.856	ng		98
47)	2-Chloronaphthalene	9.139	162	649193	45.546	ng		97
48)	2-Nitroaniline	9.239	65	199972	42.064	ng		92
49)	Acenaphthylene	9.551	152	973413	45.548	ng		99
50)	Dimethylphthalate	9.427	163	760309	46.654	ng		99
51)	2,6-Dinitrotoluene	9.486	165	172616	50.646	ng	#	80
52)	Acenaphthene	9.722	154	715693m	50.970	ng		
53)	3-Nitroaniline	9.651	138	124790	32.858	ng		96
54)	2,4-Dinitrophenol	9.763	184	181389	96.692	ng		92
55)	Dibenzofuran	9.898	168	897827	45.970	ng		96
56)	4-Nitrophenol	9.833	139	255554	92.387	ng	#	86
57)	2,4-Dinitrotoluene	9.892	165	228722	52.509	ng		89
58)	Fluorene	10.239	166	729355	45.663	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.016	232	188405	49.641	ng		90
60)	Diethylphthalate	10.122	149	750871	45.946	ng		99
61)	4-Chlorophenyl-phenyle...	10.233	204	343286	48.993	ng		95
62)	4-Nitroaniline	10.269	138	178291	46.732	ng		93
63)	Azobenzene	10.392	77	677160	40.240	ng		96
65)	4,6-Dinitro-2-methylph...	10.292	198	117878	51.701	ng		96
66)	n-Nitrosodiphenylamine	10.357	169	629841	46.018	ng		99
67)	4-Bromophenyl-phenylether	10.721	248	221095	48.933	ng		92
68)	Hexachlorobenzene	10.780	284	255015	49.790	ng		98
69)	Atrazine	10.886	200	209484	52.373	ng		97
70)	Pentachlorophenol	10.980	266	263271	95.775	ng		99
71)	Phenanthrene	11.198	178	1038484	45.160	ng		100
72)	Anthracene	11.251	178	1048512	47.249	ng		99
73)	Carbazole	11.410	167	944728	47.172	ng		98
74)	Di-n-butylphthalate	11.739	149	1126710	46.653	ng		99
75)	Fluoranthene	12.380	202	1039187	46.767	ng		99
77)	Benzidine	12.510	184	528510	76.347	ng		99
78)	Pyrene	12.610	202	1026583	49.210	ng		99
80)	Butylbenzylphthalate	13.233	149	392880	50.837	ng		98
81)	Benzo(a)anthracene	13.792	228	761840	48.023	ng		99
82)	3,3'-Dichlorobenzidine	13.762	252	199316	46.156	ng		99
83)	Chrysene	13.833	228	699325	46.427	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.798	149	458733	51.821	ng	#	96
85)	Di-n-octyl phthalate	14.409	149	676809	49.988	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	16.527	276	694177	47.263	ng		98
88)	Benzo(b)fluoranthene	14.809	252	693987	51.336	ng		98
89)	Benzo(k)fluoranthene	14.833	252	617768	46.455	ng		99
90)	Benzo(a)pyrene	15.139	252	572463	53.452	ng		98
91)	Dibenzo(a,h)anthracene	16.545	278	600949	49.875	ng		98
92)	Benzo(g,h,i)perylene	16.927	276	598151	49.281	ng		100

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

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