Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
Data File : BF130143.D
Acq On : 06 Sep 2022 18:08
Operator : CG\JU
Sample : PB147422BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 07 02:15:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147422BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.698	152	206210	20.000	ng		0.00
21) Naphthalene-d8	7.981	136	857199	20.000	ng		0.00
39) Acenaphthene-d10	9.728	164	470626	20.000	ng		0.00
64) Phenanthrene-d10	11.210	188	809921	20.000	ng		0.00
76) Chrysene-d12	13.839	240	447989	20.000	ng		0.00
86) Perylene-d12	15.233	264	392764	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1647938	135.669	ng		0.01
7) Phenol-d6	6.334	99	2057477	135.865	ng		0.00
23) Nitrobenzene-d5	7.269	82	1238086	92.822	ng		0.00
42) 2,4,6-Tribromophenol	10.522	330	619931	144.708	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	2279510	80.304	ng		0.00
79) Terphenyl-d14	12.798	244	2438213	94.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.410	88	212940	37.512	ng		96
3) Pyridine	3.105	79	575794	37.826	ng		92
4) n-Nitrosodimethylamine	3.057	42	275892	46.087	ng		87
6) Aniline	6.363	93	846598	44.591	ng	#	50
8) 2-Chlorophenol	6.481	128	680963	51.077	ng		99
9) Benzaldehyde	6.245	77	269514	29.077	ng		96
10) Phenol	6.345	94	815757	47.657	ng	#	65
11) bis(2-Chloroethyl)ether	6.440	93	630105	48.449	ng		99
12) 1,3-Dichlorobenzene	6.640	146	690365	46.711	ng		96
13) 1,4-Dichlorobenzene	6.716	146	697333	46.841	ng		97
14) 1,2-Dichlorobenzene	6.863	146	665443	49.173	ng		99
15) Benzyl Alcohol	6.845	79	460119m	45.078	ng		
16) 2,2'-oxybis(1-Chloropr...	6.981	45	808347	45.733	ng	#	52
17) 2-Methylphenol	6.957	107	532134	47.441	ng	#	87
18) Hexachloroethane	7.210	117	257686	47.934	ng		94
19) n-Nitroso-di-n-propyla...	7.122	70	419679	46.002	ng		93
20) 3+4-Methylphenols	7.110	107	606956	46.143	ng	#	72
22) Acetophenone	7.116	105	853986	44.592	ng	#	97
24) Nitrobenzene	7.287	77	665503	46.915	ng		95
25) Isophorone	7.528	82	1229149	45.530	ng		98
26) 2-Nitrophenol	7.598	139	332008	49.690	ng		95
27) 2,4-Dimethylphenol	7.640	122	597038	52.705	ng		96
28) bis(2-Chloroethoxy)met...	7.740	93	766505	47.266	ng		98
29) 2,4-Dichlorophenol	7.840	162	551224	45.492	ng		97
30) 1,2,4-Trichlorobenzene	7.922	180	552251	43.225	ng		98
31) Naphthalene	8.004	128	1864955	43.137	ng		100
32) Benzoic acid	7.769	122	434405	47.109	ng		97
33) 4-Chloroaniline	8.051	127	695452	39.816	ng		98
34) Hexachlorobutadiene	8.122	225	317037	43.329	ng		99
35) Caprolactam	8.428	113	192197m	51.186	ng		
36) 4-Chloro-3-methylphenol	8.539	107	586113	47.803	ng		93
37) 2-Methylnaphthalene	8.692	142	1207082	43.343	ng		100
38) 1-Methylnaphthalene	8.792	142	1150657	42.508	ng		99
40) 1,2,4,5-Tetrachloroben...	8.857	216	515723	42.024	ng		98
41) Hexachlorocyclopentadiene	8.845	237	628156	97.942	ng		98
43) 2,4,6-Trichlorophenol	8.969	196	367857	41.994	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.010	196	436127	45.934	ng		95
46)	1,1'-Biphenyl	9.157	154	1464909	42.845	ng		99
47)	2-Chloronaphthalene	9.181	162	1158334	42.282	ng		100
48)	2-Nitroaniline	9.281	65	357453	52.949	ng	#	85
49)	Acenaphthylene	9.592	152	1769755	42.542	ng		99
50)	Dimethylphthalate	9.463	163	1384179	43.181	ng		99
51)	2,6-Dinitrotoluene	9.522	165	313712	50.196	ng		95
52)	Acenaphthene	9.763	154	1243933m	47.446	ng		
53)	3-Nitroaniline	9.692	138	307248	42.831	ng		97
54)	2,4-Dinitrophenol	9.798	184	307247	105.424	ng	#	83
55)	Dibenzofuran	9.939	168	1627539	43.352	ng		98
56)	4-Nitrophenol	9.857	139	551624	99.742	ng		88
57)	2,4-Dinitrotoluene	9.922	165	413362	57.447	ng	#	90
58)	Fluorene	10.281	166	1206837	42.249	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.051	232	338063	45.843	ng	#	79
60)	Diethylphthalate	10.163	149	1351756	43.589	ng		99
61)	4-Chlorophenyl-phenyle...	10.275	204	542755	42.982	ng		97
62)	4-Nitroaniline	10.310	138	359145	51.479	ng		92
63)	Azobenzene	10.433	77	1289924	42.247	ng		95
65)	4,6-Dinitro-2-methylph...	10.328	198	189480	49.479	ng		96
66)	n-Nitrosodiphenylamine	10.398	169	1159763	42.835	ng		99
67)	4-Bromophenyl-phenylether	10.763	248	388674	43.144	ng		94
68)	Hexachlorobenzene	10.822	284	430460	43.852	ng	#	89
69)	Atrazine	10.928	200	356667	46.564	ng		100
70)	Pentachlorophenol	11.016	266	510980	93.090	ng		97
71)	Phenanthrene	11.239	178	1845097	42.007	ng		100
72)	Anthracene	11.286	178	1859038	43.055	ng		99
73)	Carbazole	11.445	167	1763569	44.292	ng		99
74)	Di-n-butylphthalate	11.780	149	2012905	41.924	ng		100
75)	Fluoranthene	12.416	202	1900008	43.623	ng		97
77)	Benzidine	12.545	184	951282	78.649	ng		99
78)	Pyrene	12.645	202	1871123	46.566	ng		98
80)	Butylbenzylphthalate	13.274	149	690643	43.212	ng		99
81)	Benzo(a)anthracene	13.827	228	1313081	42.770	ng		99
82)	3,3'-Dichlorobenzidine	13.798	252	402156	42.005	ng		99
83)	Chrysene	13.869	228	1270862	41.986	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.833	149	695578	35.013	ng		99
85)	Di-n-octyl phthalate	14.439	149	1109164	35.345	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.580	276	1270902	49.054	ng		96
88)	Benzo(b)fluoranthene	14.845	252	1230949	46.997	ng		100
89)	Benzo(k)fluoranthene	14.868	252	1050646	41.476	ng		97
90)	Benzo(a)pyrene	15.180	252	1004548	48.266	ng		98
91)	Dibenzo(a,h)anthracene	16.604	278	1101291	51.948	ng		97
92)	Benzo(g,h,i)perylene	16.992	276	1113533	52.498	ng	#	95

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

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