Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130342.D
Acq On : 20 Sep 2022 13:51
Operator : CG\JU
Sample : PB147759BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 21 05:12:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147759BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.657	152	106931	20.000	ng		0.00
21) Naphthalene-d8	7.945	136	425468	20.000	ng	#	0.00
39) Acenaphthene-d10	9.692	164	227410	20.000	ng		0.00
64) Phenanthrene-d10	11.175	188	404862	20.000	ng		0.00
76) Chrysene-d12	13.804	240	241614	20.000	ng		0.00
86) Perylene-d12	15.192	264	197415	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	823358	133.552	ng		0.02
7) Phenol-d6	6.310	99	1009160	130.823	ng		0.01
23) Nitrobenzene-d5	7.228	82	645848	77.551	ng		0.00
42) 2,4,6-Tribromophenol	10.486	330	342613	157.232	ng		0.00
45) 2-Fluorobiphenyl	9.022	172	1250358	80.065	ng		0.00
79) Terphenyl-d14	12.763	244	1373287	94.152	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.369	88	90542	31.978	ng		96
3) Pyridine	3.052	79	244830	33.148	ng		95
4) n-Nitrosodimethylamine	3.010	42	147784	36.789	ng		93
6) Aniline	6.322	93	373101	39.255	ng	#	37
8) 2-Chlorophenol	6.445	128	317429	45.200	ng		94
9) Benzaldehyde	6.210	77	189661	36.705	ng		92
10) Phenol	6.322	94	385288	42.621	ng	#	72
11) bis(2-Chloroethyl)ether	6.404	93	282693	43.355	ng		94
12) 1,3-Dichlorobenzene	6.598	146	336814	43.587	ng		97
13) 1,4-Dichlorobenzene	6.675	146	347016	44.037	ng		99
14) 1,2-Dichlorobenzene	6.828	146	326335	44.331	ng		97
15) Benzyl Alcohol	6.810	79	246801	40.353	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.940	45	362078	38.073	ng		89
17) 2-Methylphenol	6.928	107	252882	44.296	ng		98
18) Hexachloroethane	7.169	117	130115	41.889	ng		96
19) n-Nitroso-di-n-propyla...	7.081	70	213208	40.961	ng		95
20) 3+4-Methylphenols	7.081	107	321330	43.328	ng	#	76
22) Acetophenone	7.075	105	452535	43.504	ng		93
24) Nitrobenzene	7.245	77	332835	39.360	ng		97
25) Isophorone	7.487	82	589621	43.927	ng		99
26) 2-Nitrophenol	7.563	139	166654	48.076	ng		90
27) 2,4-Dimethylphenol	7.610	122	262467	49.174	ng		96
28) bis(2-Chloroethoxy)met...	7.704	93	350276	46.344	ng		100
29) 2,4-Dichlorophenol	7.804	162	263281	45.013	ng		99
30) 1,2,4-Trichlorobenzene	7.887	180	274432	43.397	ng		96
31) Naphthalene	7.963	128	914190	41.707	ng		99
32) Benzoic acid	7.745	122	171105	41.454	ng		94
33) 4-Chloroaniline	8.022	127	312981	37.543	ng		95
34) Hexachlorobutadiene	8.081	225	172040	42.569	ng		99
35) Caprolactam	8.392	113	85183m	50.801	ng		
36) 4-Chloro-3-methylphenol	8.510	107	293684	45.299	ng		98
37) 2-Methylnaphthalene	8.657	142	601259	43.022	ng		100
38) 1-Methylnaphthalene	8.757	142	569934	42.451	ng		99
40) 1,2,4,5-Tetrachloroben...	8.822	216	275194	44.342	ng		99
41) Hexachlorocyclopentadiene	8.810	237	336506	101.275	ng		99
43) 2,4,6-Trichlorophenol	8.939	196	193117	44.586	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.981	196	204514	43.756	ng		97
46) 1,1'-Biphenyl	9.122	154	736273	43.351	ng		98
47) 2-Chloronaphthalene	9.145	162	577678	42.047	ng		98
48) 2-Nitroaniline	9.245	65	185261	40.429	ng		93
49) Acenaphthylene	9.557	152	884487	42.937	ng		100
50) Dimethylphthalate	9.433	163	686543	43.705	ng		99
51) 2,6-Dinitrotoluene	9.492	165	151978	46.261	ng	#	80
52) Acenaphthene	9.728	154	647421m	47.835	ng		
53) 3-Nitroaniline	9.657	138	129624	35.410	ng		94
54) 2,4-Dinitrophenol	9.763	184	171063	94.738	ng		94
55) Dibenzofuran	9.904	168	807327	42.885	ng		98
56) 4-Nitrophenol	9.833	139	251697	94.400	ng		88
57) 2,4-Dinitrotoluene	9.892	165	205731	49.000	ng		90
58) Fluorene	10.245	166	662284	43.017	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.022	232	167217	45.708	ng		92
60) Diethylphthalate	10.128	149	669186	42.481	ng		99
61) 4-Chlorophenyl-phenyle...	10.239	204	298964	44.266	ng		96
62) 4-Nitroaniline	10.275	138	162376	44.155	ng		94
63) Azobenzene	10.398	77	624758	38.516	ng		96
65) 4,6-Dinitro-2-methylph...	10.298	198	105917	46.996	ng		85
66) n-Nitrosodiphenylamine	10.363	169	561837	41.528	ng		100
67) 4-Bromophenyl-phenylether	10.728	248	196442	43.983	ng		94
68) Hexachlorobenzene	10.786	284	224764	44.395	ng		96
69) Atrazine	10.892	200	183296	46.360	ng		98
70) Pentachlorophenol	10.986	266	248823	91.575	ng		99
71) Phenanthrene	11.204	178	938087	41.270	ng		99
72) Anthracene	11.251	178	951349	43.370	ng		99
73) Carbazole	11.410	167	872794	44.088	ng		100
74) Di-n-butylphthalate	11.745	149	1004464	42.076	ng		99
75) Fluoranthene	12.386	202	959325	43.676	ng		97
77) Benzidine	12.516	184	499149	71.166	ng		98
78) Pyrene	12.610	202	952576	45.068	ng		100
80) Butylbenzylphthalate	13.239	149	371043	47.386	ng		95
81) Benzo(a)anthracene	13.798	228	703541	43.771	ng		99
82) 3,3'-Dichlorobenzidine	13.763	252	205853	47.049	ng		99
83) Chrysene	13.833	228	642252	42.083	ng		99
84) Bis(2-ethylhexyl)phtha...	13.798	149	439709	49.025	ng		99
85) Di-n-octyl phthalate	14.410	149	601116	43.819	ng		96
87) Indeno(1,2,3-cd)pyrene	16.521	276	603018	43.074	ng		98
88) Benzo(b)fluoranthene	14.804	252	634713	49.259	ng		99
89) Benzo(k)fluoranthene	14.833	252	534077	42.136	ng		99
90) Benzo(a)pyrene	15.139	252	502303	49.206	ng		98
91) Dibenzo(a,h)anthracene	16.545	278	522430	45.490	ng		97
92) Benzo(g,h,i)perylene	16.927	276	519263	44.884	ng		99

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

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