Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092022\
Data File : BP011765.D
Acq On : 20 Sep 2022 17:31
Operator : CG/JU
Sample : PB147734BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 21 06:49:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB147734BSD

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	7.934	152	517443	20.000	ng		0.00
21) Naphthalene-d8	10.746	136	2231665	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	1227282	20.000	ng		0.00
64) Phenanthrene-d10	17.328	188	2239388	20.000	ng	#	0.00
76) Chrysene-d12	21.404	240	1611757	20.000	ng	#	0.00
86) Perylene-d12	23.851	264	1233092	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	4669841	164.271	ng		0.00
7) Phenol-d6	7.099	99	5904640	155.818	ng		0.00
23) Nitrobenzene-d5	9.099	82	3514103	93.388	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	1263333	131.745	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	6653750	84.274	ng		0.00
79) Terphenyl-d14	19.875	244	7652297	103.245	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	459701	36.720	ng	#	83
3) Pyridine	3.775	79	1282648	35.538	ng	#	79
4) n-Nitrosodimethylamine	3.687	42	674744	48.766	ng	#	39
6) Aniline	7.258	93	2260282	48.421	ng		90
8) 2-Chlorophenol	7.493	128	1708039	50.671	ng		94
9) Benzaldehyde	7.069	77	476259m	19.635	ng		
10) Phenol	7.122	94	2176897	51.075	ng		84
11) bis(2-Chloroethyl)ether	7.358	93	1691647	49.823	ng		92
12) 1,3-Dichlorobenzene	7.822	146	1728078	46.228	ng	#	93
13) 1,4-Dichlorobenzene	7.969	146	1767634	46.497	ng		98
14) 1,2-Dichlorobenzene	8.287	146	1714553	47.310	ng		98
15) Benzyl Alcohol	8.175	79	1398158	51.683	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.469	45	2416190	53.277	ng		95
17) 2-Methylphenol	8.375	107	1396955	50.480	ng		92
18) Hexachloroethane	9.016	117	665209	50.590	ng		92
19) n-Nitroso-di-n-propyla...	8.752	70	1226036	49.970	ng	#	84
20) 3+4-Methylphenols	8.710	107	1867150	49.128	ng		92
22) Acetophenone	8.763	105	2483148	47.465	ng	#	89
24) Nitrobenzene	9.140	77	1833604	46.834	ng		91
25) Isophorone	9.675	82	3360464	50.484	ng		95
26) 2-Nitrophenol	9.852	139	819913	45.764	ng	#	84
27) 2,4-Dimethylphenol	9.916	122	1512918	54.363	ng		89
28) bis(2-Chloroethoxy)met...	10.152	93	2115032	49.689	ng		98
29) 2,4-Dichlorophenol	10.387	162	1414505	45.883	ng		98
30) 1,2,4-Trichlorobenzene	10.604	180	1426998	41.810	ng		97
31) Naphthalene	10.793	128	4953403	42.772	ng		99
32) Benzoic acid	10.063	122	1021590	44.289	ng		87
33) 4-Chloroaniline	10.904	127	1759397	38.722	ng	#	92
34) Hexachlorobutadiene	11.081	225	758108	40.322	ng		98
35) Caprolactam	11.710	113	474479	47.499	ng	#	82
36) 4-Chloro-3-methylphenol	12.028	107	1559025	47.023	ng		91
37) 2-Methylnaphthalene	12.399	142	3303292	42.621	ng		97
38) 1-Methylnaphthalene	12.616	142	3134160	41.362	ng		99
40) 1,2,4,5-Tetrachloroben...	12.769	216	1438774	44.419	ng	#	96
41) Hexachlorocyclopentadiene	12.746	237	1807509	111.796	ng		98
43) 2,4,6-Trichlorophenol	13.004	196	989685	44.918	ng		98

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44) 2,4,5-Trichlorophenol	13.075	196	1094879	44.444	ng		96
46) 1,1'-Biphenyl	13.410	154	4112270	46.059	ng		98
47) 2-Chloronaphthalene	13.451	162	3079481	43.838	ng		100
48) 2-Nitroaniline	13.651	65	1041583	52.873	ng		90
49) Acenaphthylene	14.293	152	4906412	45.140	ng		99
50) Dimethylphthalate	14.034	163	3704488	43.267	ng		99
51) 2,6-Dinitrotoluene	14.151	165	814267	46.899	ng		89
52) Acenaphthene	14.640	154	3456921m	47.813	ng		
53) 3-Nitroaniline	14.481	138	918740	42.067	ng		91
54) 2,4-Dinitrophenol	14.687	184	853319	84.661	ng		87
55) Dibenzofuran	14.969	168	4474773	42.978	ng		99
56) 4-Nitrophenol	14.787	139	1591349	94.331	ng	#	74
57) 2,4-Dinitrotoluene	14.934	165	1089179	43.488	ng		92
58) Fluorene	15.622	166	3658530	43.323	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	826933	40.860	ng		90
60) Diethylphthalate	15.398	149	3732640	43.790	ng		99
61) 4-Chlorophenyl-phenyle...	15.616	204	1666900	42.701	ng		98
62) 4-Nitroaniline	15.645	138	933071	41.827	ng	#	81
63) Azobenzene	15.910	77	3907414	47.701	ng		92
65) 4,6-Dinitro-2-methylph...	15.698	198	475122	40.408	ng		90
66) n-Nitrosodiphenylamine	15.834	169	3106193	46.618	ng		97
67) 4-Bromophenyl-phenylether	16.510	248	918826	43.830	ng		94
68) Hexachlorobenzene	16.628	284	952445	42.186	ng		94
69) Atrazine	16.787	200	854143	41.996	ng		95
70) Pentachlorophenol	16.975	266	1291992	90.205	ng		99
71) Phenanthrene	17.369	178	5312552	43.599	ng		97
72) Anthracene	17.463	178	5353565	46.454	ng		98
73) Carbazole	17.728	167	5079195	46.717	ng		98
74) Di-n-butylphthalate	18.281	149	6159302	47.002	ng		99
75) Fluoranthene	19.328	202	5549741	42.230	ng		93
77) Benzidine	19.510	184	2606892	68.011	ng		98
78) Pyrene	19.680	202	5628701	51.778	ng		97
80) Butylbenzylphthalate	20.551	149	2446847	53.713	ng		95
81) Benzo(a)anthracene	21.386	228	4637803	44.643	ng		96
82) 3,3'-Dichlorobenzidine	21.322	252	1572780	49.847	ng	#	98
83) Chrysene	21.445	228	4307277	43.395	ng		97
84) Bis(2-ethylhexyl)phtha...	21.310	149	3433112	52.388	ng	#	99
85) Di-n-octyl phthalate	22.251	149	5001313	44.474	ng		95
87) Indeno(1,2,3-cd)pyrene	26.415	276	4007706	45.113	ng	#	87
88) Benzo(b)fluoranthene	23.104	252	3895503	51.079	ng	#	96
89) Benzo(k)fluoranthene	23.157	252	3868979	50.343	ng	#	95
90) Benzo(a)pyrene	23.745	252	3335693	52.946	ng	#	95
91) Dibenzo(a,h)anthracene	26.433	278	3508660	47.564	ng	#	92
92) Benzo(g,h,i)perylene	27.204	276	3427023	47.653	ng	#	88

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

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