Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
Data File : BP011785.D
Acq On : 23 Sep 2022 16:19
Operator : CG/JU
Sample : PB147850BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 01:35:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 02:45:14 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	284095	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	1361944	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	879810	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1817323	20.000	ng	0.00
76) Chrysene-d12	21.410	240	1802745	20.000	ng	0.00
86) Perylene-d12	23.857	264	1815794	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2717991	167.866	ng	0.00
7) Phenol-d6	7.087	99	3858072	161.151	ng	0.00
23) Nitrobenzene-d5	9.087	82	2202378	84.639	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	962385	162.450	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	4873327	87.594	ng	0.00
79) Terphenyl-d14	19.881	244	7272650	92.760	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	238903	35.093	ng	94
3) Pyridine	3.758	79	712607	33.918	ng	96
4) n-Nitrosodimethylamine	3.670	42	343549	36.976	ng	84
6) Aniline	7.246	93	1412229	47.419	ng	99
8) 2-Chlorophenol	7.481	128	1040235	52.806	ng	98
9) Benzaldehyde	7.058	77	637140m	42.538	ng	
10) Phenol	7.111	94	1442286	53.482	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	976979	45.767	ng	97
12) 1,3-Dichlorobenzene	7.811	146	943157	45.563	ng	99
13) 1,4-Dichlorobenzene	7.958	146	966863	45.582	ng	99
14) 1,2-Dichlorobenzene	8.275	146	949003	45.731	ng	99
15) Benzyl Alcohol	8.164	79	906129m	51.227	ng	
16) 2,2'-oxybis(1-Chloropr...	8.458	45	1536133	43.566	ng	98
17) 2-Methylphenol	8.369	107	942672	53.331	ng	99
18) Hexachloroethane	9.005	117	366180	45.090	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	795198	45.180	ng	97
20) 3+4-Methylphenols	8.699	107	1308808	52.737	ng	99
22) Acetophenone	8.752	105	1568277	45.841	ng	98
24) Nitrobenzene	9.134	77	1167929	43.441	ng	97
25) Isophorone	9.663	82	2310126	47.323	ng	100
26) 2-Nitrophenol	9.846	139	508528	46.916	ng	96
27) 2,4-Dimethylphenol	9.905	122	1038671	60.245	ng	99
28) bis(2-Chloroethoxy)met...	10.146	93	1443524	50.742	ng	99
29) 2,4-Dichlorophenol	10.381	162	1006386	54.556	ng	99
30) 1,2,4-Trichlorobenzene	10.593	180	847812	44.138	ng	99
31) Naphthalene	10.787	128	3162143	43.794	ng	100
32) Benzoic acid	10.052	122	719335	48.625	ng	98
33) 4-Chloroaniline	10.893	127	1006044	33.419	ng	99
34) Hexachlorobutadiene	11.069	225	429662	44.350	ng	99
35) Caprolactam	11.699	113	390457m	52.081	ng	
36) 4-Chloro-3-methylphenol	12.016	107	1199996	53.599	ng	98
37) 2-Methylnaphthalene	12.393	142	2290462	45.935	ng	99
38) 1-Methylnaphthalene	12.610	142	2206400	44.934	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	961375	48.486	ng	99
41) Hexachlorocyclopentadiene	12.740	237	1174081	120.737	ng	98
43) 2,4,6-Trichlorophenol	12.999	196	735376	51.236	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	837472	50.765	ng	99
46) 1,1'-Biphenyl	13.399	154	3020303	47.249	ng	99
47) 2-Chloronaphthalene	13.446	162	2248096	45.341	ng	100
48) 2-Nitroaniline	13.651	65	839529	47.490	ng	94
49) Acenaphthylene	14.293	152	3803902	46.220	ng	100
50) Dimethylphthalate	14.028	163	2956127	45.825	ng	100
51) 2,6-Dinitrotoluene	14.146	165	651679	48.929	ng	98
52) Acenaphthene	14.634	154	2252969	44.636	ng	99
53) 3-Nitroaniline	14.475	138	661721	40.565	ng	99
54) 2,4-Dinitrophenol	14.681	184	741045	103.217	ng	94
55) Dibenzofuran	14.969	168	3511792	45.393	ng	99
56) 4-Nitrophenol	14.787	139	1467875	108.358	ng	93
57) 2,4-Dinitrotoluene	14.934	165	926863	46.912	ng	92
58) Fluorene	15.616	166	2990368	45.561	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.193	232	643728m	47.792	ng	
60) Diethylphthalate	15.393	149	3095850	45.962	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	1304048	47.521	ng	99
62) 4-Nitroaniline	15.645	138	834010	43.940	ng	97
63) Azobenzene	15.904	77	3251051	44.080	ng	99
65) 4,6-Dinitro-2-methylph...	15.693	198	422306	46.103	ng	98
66) n-Nitrosodiphenylamine	15.828	169	2558892	47.256	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	716791	48.095	ng	97
68) Hexachlorobenzene	16.622	284	750992	47.425	ng	96
69) Atrazine	16.787	200	859388	54.806	ng	99
70) Pentachlorophenol	16.969	266	1070366	93.189	ng	99
71) Phenanthrene	17.369	178	4678082	45.640	ng	100
72) Anthracene	17.457	178	4720778	48.154	ng	99
73) Carbazole	17.728	167	4709291	49.048	ng	100
74) Di-n-butylphthalate	18.281	149	5598372	48.407	ng	100
75) Fluoranthene	19.328	202	5339297	47.916	ng	100
77) Benzidine	19.510	184	4391663	125.520	ng	100
78) Pyrene	19.681	202	5579475	46.318	ng	99
80) Butylbenzylphthalate	20.551	149	2587120	44.369	ng	98
81) Benzo(a)anthracene	21.392	228	5482410	46.092	ng	100
82) 3,3'-Dichlorobenzidine	21.328	252	1532252	44.171	ng	98
83) Chrysene	21.445	228	5098502	45.238	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	3911440	45.509	ng	99
85) Di-n-octyl phthalate	22.257	149	6596345	47.993	ng	98
87) Indeno(1,2,3-cd)pyrene	26.433	276	6316707	44.458	ng	100
88) Benzo(b)fluoranthene	23.110	252	5562550	49.341	ng	99
89) Benzo(k)fluoranthene	23.163	252	5626402	48.706	ng	100
90) Benzo(a)pyrene	23.757	252	4986984	52.284	ng	99
91) Dibenzo(a,h)anthracene	26.451	278	5513173	46.736	ng	98
92) Benzo(g,h,i)perylene	27.221	276	5319330	46.582	ng	98

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

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