Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
Data File : BP011784.D
Acq On : 23 Sep 2022 15:39
Operator : CG/JU
Sample : PB147850BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 24 01:34:28 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 :
PB147850BS

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	321878	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	1539110	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	988341	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	2071940	20.000	ng	0.00
76) Chrysene-d12	21.410	240	1974913	20.000	ng	0.00
86) Perylene-d12	23.857	264	1994909	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3069682	167.332	ng	0.00
7) Phenol-d6	7.087	99	4324621	159.435	ng	0.00
23) Nitrobenzene-d5	9.087	82	2433446	82.754	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1122113	168.613	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	5413192	86.613	ng	0.00
79) Terphenyl-d14	19.880	244	8029887	93.490	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	278681	36.131	ng	95
3) Pyridine	3.758	79	822080	34.535	ng	93
4) n-Nitrosodimethylamine	3.669	42	387332	36.795	ng	87
6) Aniline	7.246	93	1609996	47.714	ng	99
8) 2-Chlorophenol	7.481	128	1178037	52.782	ng	97
9) Benzaldehyde	7.058	77	703276m	41.442	ng	
10) Phenol	7.110	94	1624778	53.177	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	1079995	44.654	ng	96
12) 1,3-Dichlorobenzene	7.805	146	1054322	44.955	ng	98
13) 1,4-Dichlorobenzene	7.957	146	1087893	45.267	ng	99
14) 1,2-Dichlorobenzene	8.275	146	1061855	45.163	ng	99
15) Benzyl Alcohol	8.163	79	1013081m	50.550	ng	
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1634202	40.907	ng	98
17) 2-Methylphenol	8.369	107	1061748	53.017	ng	98
18) Hexachloroethane	9.004	117	400635	43.542	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	884511	44.356	ng	97
20) 3+4-Methylphenols	8.699	107	1469579	52.264	ng	98
22) Acetophenone	8.752	105	1743340	45.092	ng	97
24) Nitrobenzene	9.134	77	1298113	42.725	ng	98
25) Isophorone	9.663	82	2559528	46.397	ng	99
26) 2-Nitrophenol	9.846	139	587568	47.894	ng	95
27) 2,4-Dimethylphenol	9.904	122	1177367	60.429	ng	98
28) bis(2-Chloroethoxy)met...	10.146	93	1602469	49.845	ng	99
29) 2,4-Dichlorophenol	10.381	162	1130805	54.244	ng	99
30) 1,2,4-Trichlorobenzene	10.593	180	966921	44.544	ng	99
31) Naphthalene	10.787	128	3510674	43.024	ng	100
32) Benzoic acid	10.057	122	854055	50.744	ng	98
33) 4-Chloroaniline	10.893	127	1143550	33.614	ng	100
34) Hexachlorobutadiene	11.069	225	490079	44.763	ng	98
35) Caprolactam	11.698	113	443510m	52.348	ng	
36) 4-Chloro-3-methylphenol	12.022	107	1343813	53.113	ng	96
37) 2-Methylnaphthalene	12.393	142	2562520	45.475	ng	100
38) 1-Methylnaphthalene	12.610	142	2444775	44.057	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	1084083	48.670	ng	99
41) Hexachlorocyclopentadiene	12.740	237	1376431	126.003	ng	97
43) 2,4,6-Trichlorophenol	12.998	196	855939	53.087	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	948939	51.205	ng		99
46) 1,1'-Biphenyl	13.404	154	3384668	47.135	ng		99
47) 2-Chloronaphthalene	13.445	162	2517390	45.197	ng		99
48) 2-Nitroaniline	13.651	65	935621	47.114	ng		94
49) Acenaphthylene	14.292	152	4256713	46.042	ng		100
50) Dimethylphthalate	14.028	163	3360761	46.377	ng		100
51) 2,6-Dinitrotoluene	14.145	165	739999	49.459	ng		97
52) Acenaphthene	14.634	154	2529930	44.619	ng		100
53) 3-Nitroaniline	14.475	138	737446	40.243	ng		99
54) 2,4-Dinitrophenol	14.681	184	862451	106.693	ng		95
55) Dibenzofuran	14.969	168	3958380	45.547	ng		98
56) 4-Nitrophenol	14.787	139	1617558	106.295	ng		95
57) 2,4-Dinitrotoluene	14.934	165	1040491	46.882	ng		94
58) Fluorene	15.616	166	3314604	44.956	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	746569m	49.341	ng		
60) Diethylphthalate	15.392	149	3491794	46.148	ng		100
61) 4-Chlorophenyl-phenyle...	15.610	204	1474373	47.828	ng		99
62) 4-Nitroaniline	15.645	138	927221	43.512	ng		97
63) Azobenzene	15.904	77	3583346	43.250	ng		99
65) 4,6-Dinitro-2-methylph...	15.692	198	494548	47.202	ng		98
66) n-Nitrosodiphenylamine	15.828	169	2876041	46.586	ng		99
67) 4-Bromophenyl-phenylether	16.510	248	815039	47.967	ng		95
68) Hexachlorobenzene	16.622	284	855723	47.398	ng		97
69) Atrazine	16.786	200	978384	54.727	ng		100
70) Pentachlorophenol	16.969	266	1228117	93.756	ng		99
71) Phenanthrene	17.369	178	5238866	44.830	ng		99
72) Anthracene	17.457	178	5289739	47.327	ng		100
73) Carbazole	17.728	167	5191605	47.427	ng		100
74) Di-n-butylphthalate	18.275	149	6216667	47.147	ng		99
75) Fluoranthene	19.327	202	5898737	46.431	ng		100
77) Benzidine	19.510	184	4884041	127.424	ng		99
78) Pyrene	19.680	202	6164261	46.712	ng		99
80) Butylbenzylphthalate	20.557	149	2877561	45.006	ng		92
81) Benzo(a)anthracene	21.392	228	5925756	45.477	ng		99
82) 3,3'-Dichlorobenzidine	21.327	252	1652875	43.495	ng		98
83) Chrysene	21.445	228	5536229	44.840	ng		100
84) Bis(2-ethylhexyl)phtha...	21.310	149	4282178	45.480	ng		98
85) Di-n-octyl phthalate	22.257	149	7216662	47.928	ng		97
87) Indeno(1,2,3-cd)pyrene	26.433	276	9788799	62.710	ng	#	91
88) Benzo(b)fluoranthene	23.110	252	6035955	48.733	ng		99
89) Benzo(k)fluoranthene	23.163	252	6075971	47.875	ng		99
90) Benzo(a)pyrene	23.751	252	5355542	51.106	ng		99
91) Dibenzo(a,h)anthracene	26.451	278	8558327	66.036	ng	#	93
92) Benzo(g,h,i)perylene	27.221	276	8289034	66.071	ng	#	93

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

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