Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009003.D
Acq On : 02 Feb 2022 13:13
Operator : CG/JU
Sample : PB142428BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 03 06:23:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 03 06:20:22 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB142428BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	318957	20.000	ng		0.01
21) Naphthalene-d8	10.634	136	1333945	20.000	ng		0.00
39) Acenaphthene-d10	14.475	164	901778	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1896348	20.000	ng		0.00
76) Chrysene-d12	21.327	240	1705448	20.000	ng		0.00
86) Perylene-d12	23.739	264	1477818	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2443451	118.467	ng		0.01
7) Phenol-d6	7.022	99	3053443	122.254	ng		0.01
23) Nitrobenzene-d5	8.999	82	1811546	77.100	ng		0.01
42) 2,4,6-Tribromophenol	15.975	330	1593462	121.394	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	4827421	70.595	ng		0.00
79) Terphenyl-d14	19.798	244	7458812	73.822	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	215490	25.812	ng		97
3) Pyridine	3.722	79	467893	26.760	ng		95
4) n-Nitrosodimethylamine	3.634	42	298191	36.350	ng	#	83
6) Aniline	7.163	93	1095740	35.149	ng		98
8) 2-Chlorophenol	7.405	128	998106	45.437	ng		99
9) Benzaldehyde	6.975	77	479357	28.716	ng		99
10) Phenol	7.046	94	1187675	46.643	ng		97
11) bis(2-Chloroethyl)ether	7.257	93	872776	43.080	ng		98
12) 1,3-Dichlorobenzene	7.722	146	989190	37.814	ng		98
13) 1,4-Dichlorobenzene	7.869	146	1019165	38.441	ng		99
14) 1,2-Dichlorobenzene	8.187	146	992665	39.267	ng		99
15) Benzyl Alcohol	8.081	79	815087	46.517	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	986028	43.521	ng		99
17) 2-Methylphenol	8.293	107	780872	45.775	ng		96
18) Hexachloroethane	8.910	117	351507	39.062	ng		97
19) n-Nitroso-di-n-propyla...	8.652	70	648056	44.387	ng		97
20) 3+4-Methylphenols	8.622	107	1065088	47.032	ng		99
22) Acetophenone	8.663	105	1357316	39.943	ng	#	96
24) Nitrobenzene	9.040	77	970300	40.883	ng		96
25) Isophorone	9.569	82	1798866	42.365	ng		98
26) 2-Nitrophenol	9.751	139	537216	43.056	ng		93
27) 2,4-Dimethylphenol	9.822	122	883282	41.520	ng		97
28) bis(2-Chloroethoxy)met...	10.046	93	1140839	41.173	ng		97
29) 2,4-Dichlorophenol	10.293	162	1003512	43.227	ng		99
30) 1,2,4-Trichlorobenzene	10.498	180	1056299	38.844	ng		99
31) Naphthalene	10.687	128	2813912	38.839	ng		99
32) Benzoic acid	10.034	122	679890	55.688	ng		98
33) 4-Chloroaniline	10.804	127	601381	20.369	ng		99
34) Hexachlorobutadiene	10.969	225	653225	38.448	ng		99
35) Caprolactam	11.622	113	310487	48.516	ng		95
36) 4-Chloro-3-methylphenol	11.945	107	948653	45.296	ng		100
37) 2-Methylnaphthalene	12.298	142	2086292	39.390	ng		93
38) 1-Methylnaphthalene	12.516	142	1976178	40.649	ng		96
40) 1,2,4,5-Tetrachloroben...	12.675	216	1262808	38.407	ng		99
41) Hexachlorocyclopentadiene	12.645	237	1101216	65.454	ng		97
43) 2,4,6-Trichlorophenol	12.916	196	840590	41.349	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.998	196	925910	42.317	ng		99
46) 1,1'-Biphenyl	13.310	154	2750378	37.487	ng		97
47) 2-Chloronaphthalene	13.357	162	2131560	37.678	ng		99
48) 2-Nitroaniline	13.563	65	564160	44.913	ng		96
49) Acenaphthylene	14.198	152	3411028	39.909	ng		100
50) Dimethylphthalate	13.945	163	2791850	41.686	ng		100
51) 2,6-Dinitrotoluene	14.063	165	624477	43.964	ng		94
52) Acenaphthene	14.539	154	1971496	38.891	ng		93
53) 3-Nitroaniline	14.392	138	436117	31.219	ng		97
54) 2,4-Dinitrophenol	14.616	184	616219	107.270	ng		97
55) Dibenzofuran	14.881	168	3278687	39.692	ng		98
56) 4-Nitrophenol	14.728	139	954659	94.903	ng		90
57) 2,4-Dinitrotoluene	14.857	165	870745	47.659	ng	#	92
58) Fluorene	15.528	166	2628361	40.285	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.116	232	802511m	44.526	ng		
60) Diethylphthalate	15.304	149	2733736	43.019	ng		98
61) 4-Chlorophenyl-phenyle...	15.522	204	1418071	39.899	ng		98
62) 4-Nitroaniline	15.563	138	608235	44.957	ng		88
63) Azobenzene	15.816	77	2267897	42.986	ng		96
65) 4,6-Dinitro-2-methylph...	15.628	198	441576	46.607	ng		93
66) n-Nitrosodiphenylamine	15.739	169	2339196	38.327	ng		98
67) 4-Bromophenyl-phenylether	16.422	248	942472	39.801	ng		99
68) Hexachlorobenzene	16.545	284	1076087	39.657	ng		99
69) Atrazine	16.704	200	928873	40.955	ng		98
70) Pentachlorophenol	16.892	266	1283407	88.794	ng		98
71) Phenanthrene	17.275	178	4182943	39.177	ng		99
72) Anthracene	17.369	178	4265578	39.825	ng		99
73) Carbazole	17.645	167	3772814	40.966	ng		98
74) Di-n-butylphthalate	18.192	149	4723513	42.618	ng		99
75) Fluoranthene	19.245	202	4985822	41.991	ng		98
77) Benzidine	19.427	184	1886705	31.315	ng		98
78) Pyrene	19.598	202	4943249	41.540	ng		99
80) Butylbenzylphthalate	20.474	149	2047295	42.777	ng		95
81) Benzo(a)anthracene	21.310	228	4628013	40.336	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	1384805	27.937	ng		100
83) Chrysene	21.363	228	4489389	40.364	ng		97
84) Bis(2-ethylhexyl)phtha...	21.233	149	3054642	41.214	ng		98
85) Di-n-octyl phthalate	22.157	149	4984943	39.760	ng		100
87) Indeno(1,2,3-cd)pyrene	26.268	276	4597868	37.757	ng		97
88) Benzo(b)fluoranthene	23.010	252	4463466	45.226	ng		99
89) Benzo(k)fluoranthene	23.057	252	4306401	45.078	ng		99
90) Benzo(a)pyrene	23.639	252	4209809	44.193	ng		98
91) Dibenzo(a,h)anthracene	26.280	278	3886324	37.532	ng		99
92) Benzo(g,h,i)perylene	27.039	276	3734545	36.939	ng		98

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

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