Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011322\
Data File : BM033720.D
Acq On : 13 Jan 2022 18:04
Operator : CG/JU
Sample : PB142002BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 13 20:51:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB142002BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.966	152	180323	20.000	ng		0.00
21) Naphthalene-d8	10.784	136	784265	20.000	ng		0.00
39) Acenaphthene-d10	14.607	164	496172	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	943551	20.000	ng		0.00
76) Chrysene-d12	21.507	240	695537	20.000	ng		0.00
86) Perylene-d12	23.924	264	730830	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.514	112	1501660	131.338	ng		0.00
7) Phenol-d6	7.131	99	1928433	125.144	ng		0.00
23) Nitrobenzene-d5	9.131	82	1301237	76.625	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	790874	152.609	ng		0.00
45) 2-Fluorobiphenyl	13.237	172	2892502	76.356	ng		0.00
79) Terphenyl-d14	19.954	244	3591962	92.957	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	139300	27.183	ng	#	91
3) Pyridine	3.761	79	364593	27.476	ng		91
4) n-Nitrosodimethylamine	3.661	42	245523	37.035	ng	#	73
6) Aniline	7.284	93	526791	30.179	ng		96
8) 2-Chlorophenol	7.531	128	592068	47.355	ng		89
9) Benzaldehyde	7.090	77	343958	36.353	ng		90
10) Phenol	7.155	94	730704	47.164	ng		95
11) bis(2-Chloroethyl)ether	7.384	93	505617	41.371	ng		92
12) 1,3-Dichlorobenzene	7.855	146	590495	42.257	ng		94
13) 1,4-Dichlorobenzene	8.002	146	606102	42.412	ng		97
14) 1,2-Dichlorobenzene	8.325	146	587529	42.512	ng		99
15) Benzyl Alcohol	8.207	79	573708	45.607	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.507	45	669663	36.334	ng		94
17) 2-Methylphenol	8.413	107	507453	47.449	ng		95
18) Hexachloroethane	9.060	117	226266	41.785	ng		94
19) n-Nitroso-di-n-propyla...	8.784	70	424446	42.158	ng		90
20) 3+4-Methylphenols	8.743	107	680903	46.603	ng		94
22) Acetophenone	8.796	105	873371	41.522	ng	#	92
24) Nitrobenzene	9.178	77	664368	41.141	ng		92
25) Isophorone	9.713	82	1126306	40.945	ng		97
26) 2-Nitrophenol	9.890	139	319409	46.944	ng	#	87
27) 2,4-Dimethylphenol	9.954	122	549754	48.399	ng		95
28) bis(2-Chloroethoxy)met...	10.190	93	693670	38.253	ng		97
29) 2,4-Dichlorophenol	10.431	162	568056	45.677	ng		98
30) 1,2,4-Trichlorobenzene	10.649	180	575011	41.395	ng		100
31) Naphthalene	10.837	128	1801843	41.919	ng		99
32) Benzoic acid	10.113	122	415714	52.012	ng		89
33) 4-Chloroaniline	10.937	127	149682	8.825	ng		94
34) Hexachlorobutadiene	11.131	225	370712	40.859	ng		97
35) Caprolactam	11.737	113	180193m	52.241	ng		
36) 4-Chloro-3-methylphenol	12.066	107	660160	45.698	ng		99
37) 2-Methylnaphthalene	12.443	142	1307007	44.999	ng		99
38) 1-Methylnaphthalene	12.660	142	1198336	42.449	ng		99
40) 1,2,4,5-Tetrachloroben...	12.813	216	667569	42.560	ng		100
41) Hexachlorocyclopentadiene	12.795	237	771195	78.158	ng		99
43) 2,4,6-Trichlorophenol	13.048	196	448854	43.866	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.119	196	487899	45.068	ng		96
46) 1,1'-Biphenyl	13.448	154	1679073	41.429	ng		98
47) 2-Chloronaphthalene	13.490	162	1255353	41.250	ng		98
48) 2-Nitroaniline	13.684	65	413959	43.362	ng	#	85
49) Acenaphthylene	14.331	152	2009815	42.318	ng		99
50) Dimethylphthalate	14.066	163	1614214	41.908	ng		99
51) 2,6-Dinitrotoluene	14.178	165	347409	46.572	ng		91
52) Acenaphthene	14.672	154	1234099	39.947	ng		99
53) 3-Nitroaniline	14.501	138	225293	28.299	ng		91
54) 2,4-Dinitrophenol	14.707	184	332086	96.454	ng		87
55) Dibenzofuran	15.001	168	1910210	41.249	ng		96
56) 4-Nitrophenol	14.813	139	580400	91.991	ng	#	88
57) 2,4-Dinitrotoluene	14.960	165	484881	50.905	ng		85
58) Fluorene	15.648	166	1521972	42.903	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.231	232	413322	45.217	ng		99
60) Diethylphthalate	15.425	149	1662592	41.900	ng		100
61) 4-Chlorophenyl-phenyle...	15.642	204	767395	41.924	ng		96
62) 4-Nitroaniline	15.660	138	334703	43.164	ng		93
63) Azobenzene	15.936	77	1535994	39.155	ng		93
65) 4,6-Dinitro-2-methylph...	15.725	198	212340	40.988	ng	#	80
66) n-Nitrosodiphenylamine	15.854	169	1329090	41.681	ng		99
67) 4-Bromophenyl-phenylether	16.536	248	471224	45.150	ng		99
68) Hexachlorobenzene	16.654	284	529029	44.509	ng		96
69) Atrazine	16.801	200	472965	43.236	ng		99
70) Pentachlorophenol	16.995	266	682003	94.352	ng		99
71) Phenanthrene	17.383	178	2293401	42.477	ng		99
72) Anthracene	17.477	178	2325243	43.905	ng		99
73) Carbazole	17.742	167	1962690	39.310	ng		99
74) Di-n-butylphthalate	18.307	149	2720312	42.209	ng		100
75) Fluoranthene	19.389	202	2289042	40.384	ng		99
77) Benzidine	19.566	184	979003	46.898	ng		100
78) Pyrene	19.754	202	2272415	46.404	ng		99
80) Butylbenzylphthalate	20.642	149	1023975	46.816	ng		93
81) Benzo(a)anthracene	21.489	228	1956799	41.489	ng		98
82) 3,3'-Dichlorobenzidine	21.418	252	570330	34.088	ng		99
83) Chrysene	21.542	228	1916273	42.457	ng		100
84) Bis(2-ethylhexyl)phtha...	21.424	149	1520917	45.649	ng	#	98
85) Di-n-octyl phthalate	22.348	149	2344093	43.264	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.465	276	2397018	44.477	ng		100
88) Benzo(b)fluoranthene	23.189	252	2126857	45.646	ng		99
89) Benzo(k)fluoranthene	23.236	252	1970980	43.645	ng		99
90) Benzo(a)pyrene	23.818	252	2012111	52.031	ng		100
91) Dibenzo(a,h)anthracene	26.477	278	2070305	46.249	ng		97
92) Benzo(g,h,i)perylene	27.236	276	2015870	45.804	ng		99

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

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