Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053195.D
Acq On : 19 Apr 2022 13:28
Operator : CG/JU
Sample : PB144210BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 19 15:28:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144210BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.113	152	31156	20.000	ng		0.00
21) Naphthalene-d8	10.933	136	123740	20.000	ng		0.00
39) Acenaphthene-d10	14.740	164	95258	20.000	ng		0.00
64) Phenanthrene-d10	17.483	188	232078	20.000	ng		0.00
76) Chrysene-d12	21.771	240	242912	20.000	ng		0.00
86) Perylene-d12	25.073	264	252598	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	242365	133.348	ng		0.00
7) Phenol-d6	7.279	99	342525	122.206	ng		0.00
23) Nitrobenzene-d5	9.276	82	238820	78.365	ng		0.00
42) 2,4,6-Tribromophenol	16.226	330	174812	115.348	ng		0.00
45) 2-Fluorobiphenyl	13.365	172	531708	76.967	ng		0.00
79) Terphenyl-d14	20.085	244	1089344	75.739	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	26683	30.741	ng	#	87
3) Pyridine	3.960	79	69009	30.145	ng	#	91
4) n-Nitrosodimethylamine	3.872	42	45985	40.564	ng		87
6) Aniline	7.438	93	103738	31.936	ng		99
8) 2-Chlorophenol	7.684	128	86706	44.188	ng		94
9) Benzaldehyde	7.244	77	48180	28.757	ng		95
10) Phenol	7.303	94	122437	43.885	ng		92
11) bis(2-Chloroethyl)ether	7.526	93	84153	41.844	ng		93
12) 1,3-Dichlorobenzene	8.007	146	92539	40.585	ng		98
13) 1,4-Dichlorobenzene	8.154	146	92227	39.676	ng		95
14) 1,2-Dichlorobenzene	8.472	146	92335	41.192	ng		98
15) Benzyl Alcohol	8.348	79	99375	39.889	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.642	45	136106	40.536	ng		97
17) 2-Methylphenol	8.560	107	82068	43.469	ng		95
18) Hexachloroethane	9.206	117	35445	40.663	ng		96
19) n-Nitroso-di-n-propyla...	8.918	70	80490	39.225	ng	#	97
20) 3+4-Methylphenols	8.883	107	109357	41.032	ng		96
22) Acetophenone	8.936	105	140180	40.834	ng		92
24) Nitrobenzene	9.323	77	120416	40.623	ng		91
25) Isophorone	9.840	82	216814	41.857	ng		97
26) 2-Nitrophenol	10.034	139	49334	39.801	ng		86
27) 2,4-Dimethylphenol	10.093	122	85347	48.077	ng		94
28) bis(2-Chloroethoxy)met...	10.322	93	116000	39.862	ng		97
29) 2,4-Dichlorophenol	10.575	162	93766	42.015	ng		96
30) 1,2,4-Trichlorobenzene	10.792	180	101407	40.148	ng		95
31) Naphthalene	10.980	128	265208	40.172	ng		99
32) Benzoic acid	10.240	122	44735	39.422	ng		90
33) 4-Chloroaniline	11.080	127	73562	26.020	ng		93
34) Hexachlorobutadiene	11.268	225	74464	39.688	ng		95
35) Caprolactam	11.843	113	31234m	39.706	ng		
36) 4-Chloro-3-methylphenol	12.202	107	106179	40.867	ng		92
37) 2-Methylnaphthalene	12.578	142	196519	40.229	ng		97
38) 1-Methylnaphthalene	12.795	142	187317	39.284	ng		94
40) 1,2,4,5-Tetrachloroben...	12.948	216	123981	38.321	ng		99
41) Hexachlorocyclopentadiene	12.924	237	150758	90.267	ng		95
43) 2,4,6-Trichlorophenol	13.183	196	86510	38.783	ng		95

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44) 2,4,5-Trichlorophenol	13.253	196	93602	39.378	ng		96
46) 1,1'-Biphenyl	13.576	154	267757	39.032	ng		100
47) 2-Chloronaphthalene	13.623	162	210936	38.541	ng		93
48) 2-Nitroaniline	13.817	65	82226	39.589	ng		96
49) Acenaphthylene	14.463	152	361057	42.143	ng		97
50) Dimethylphthalate	14.187	163	294778	38.689	ng		99
51) 2,6-Dinitrotoluene	14.305	165	63404	39.890	ng	#	84
52) Acenaphthene	14.804	154	263068m	45.279	ng		
53) 3-Nitroaniline	14.640	138	49554	29.484	ng		89
54) 2,4-Dinitrophenol	14.845	184	80433	79.530	ng	#	87
55) Dibenzofuran	15.139	168	349108	38.374	ng		97
56) 4-Nitrophenol	14.951	139	104985	81.902	ng	#	79
57) 2,4-Dinitrotoluene	15.098	165	93590	41.358	ng		91
58) Fluorene	15.785	166	290706	39.564	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.362	232	88707	38.428	ng		98
60) Diethylphthalate	15.544	149	305364	38.252	ng		98
61) 4-Chlorophenyl-phenyle...	15.773	204	161041	38.663	ng		95
62) 4-Nitroaniline	15.803	138	67651	38.145	ng	#	79
63) Azobenzene	16.067	77	309248	38.423	ng		99
65) 4,6-Dinitro-2-methylph...	15.862	198	58037	35.844	ng		96
66) n-Nitrosodiphenylamine	15.985	169	259953	38.951	ng		99
67) 4-Bromophenyl-phenylether	16.666	248	115600	38.874	ng		97
68) Hexachlorobenzene	16.796	284	123186	38.252	ng		94
69) Atrazine	16.931	200	112479	43.146	ng		94
70) Pentachlorophenol	17.142	266	141281	80.272	ng		92
71) Phenanthrene	17.530	178	496498	39.167	ng		97
72) Anthracene	17.618	178	504754	40.192	ng		99
73) Carbazole	17.882	167	464367	38.039	ng		99
74) Di-n-butylphthalate	18.435	149	539289	38.951	ng		99
75) Fluoranthene	19.533	202	652801	40.174	ng		98
77) Benzidine	19.703	184	220971	31.883	ng		99
78) Pyrene	19.891	202	657102	37.982	ng		98
80) Butylbenzylphthalate	20.767	149	241895	37.504	ng		97
81) Benzo(a)anthracene	21.748	228	660686	39.780	ng		99
82) 3,3'-Dichlorobenzidine	21.660	252	169961	27.826	ng		97
83) Chrysene	21.818	228	596267	38.684	ng		99
84) Bis(2-ethylhexyl)phtha...	21.642	149	341528	39.174	ng		100
85) Di-n-octyl phthalate	22.876	149	579577	39.749	ng		97
87) Indeno(1,2,3-cd)pyrene	28.844	276	741178	39.494	ng	#	97
88) Benzo(b)fluoranthene	24.021	252	691762m	43.405	ng		
89) Benzo(k)fluoranthene	24.092	252	648044	41.373	ng		98
90) Benzo(a)pyrene	24.914	252	660565	48.652	ng		99
91) Dibenzo(a,h)anthracene	28.909	278	640566	41.472	ng		97
92) Benzo(g,h,i)perylene	30.031	276	636086	41.782	ng		98

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

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