Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057835.D
Acq On : 23 Jun 2023 9:53
Operator : CG/JU
Sample : PB153685BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 23 12:13:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB153685BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	36539	20.000	ng		0.00
21) Naphthalene-d8	10.726	136	171329	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	126040	20.000	ng		0.00
64) Phenanthrene-d10	17.301	188	317645	20.000	ng		0.00
76) Chrysene-d12	21.560	240	266604	20.000	ng		0.00
86) Perylene-d12	24.709	264	326593	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.497	112	331308	139.808	ng		0.00
7) Phenol-d6	7.089	99	471929	130.517	ng		0.00
23) Nitrobenzene-d5	9.087	82	270656	81.078	ng		0.00
42) 2,4,6-Tribromophenol	16.049	330	233750	133.136	ng		0.00
45) 2-Fluorobiphenyl	13.182	172	636468	76.591	ng		0.00
79) Terphenyl-d14	19.921	244	1196277	83.669	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	36375	33.721	ng		97
3) Pyridine	3.787	79	92655	28.202	ng		93
4) n-Nitrosodimethylamine	3.705	42	55106	36.708	ng		89
6) Aniline	7.248	93	131329	28.366	ng		95
8) 2-Chlorophenol	7.489	128	124106	50.908	ng		97
9) Benzaldehyde	7.060	77	21205m	9.327	ng		
10) Phenol	7.112	94	179527	50.427	ng		97
11) bis(2-Chloroethyl)ether	7.342	93	116303	42.489	ng		98
12) 1,3-Dichlorobenzene	7.812	146	109604	44.178	ng		96
13) 1,4-Dichlorobenzene	7.959	146	112754	44.853	ng		97
14) 1,2-Dichlorobenzene	8.276	146	111836	45.976	ng		95
15) Benzyl Alcohol	8.158	79	124234	44.934	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.452	45	197253m	37.513	ng		
17) 2-Methylphenol	8.364	107	121117	46.255	ng		96
18) Hexachloroethane	9.004	117	39334	44.374	ng		98
19) n-Nitroso-di-n-propyla...	8.728	70	100747	39.965	ng		94
20) 3+4-Methylphenols	8.687	107	167286	46.250	ng		97
22) Acetophenone	8.746	105	197464	41.100	ng	#	97
24) Nitrobenzene	9.128	77	147159	42.357	ng		94
25) Isophorone	9.651	82	300120	39.351	ng		98
26) 2-Nitrophenol	9.839	139	63902	57.813	ng		97
27) 2,4-Dimethylphenol	9.897	122	129389	47.281	ng		97
28) bis(2-Chloroethoxy)met...	10.132	93	173351	42.207	ng		98
29) 2,4-Dichlorophenol	10.373	162	125434	48.268	ng		98
30) 1,2,4-Trichlorobenzene	10.585	180	124841	43.098	ng		98
31) Naphthalene	10.779	128	376046	41.240	ng		99
32) Benzoic acid	10.033	122	107830	53.519	ng		99
33) 4-Chloroaniline	10.885	127	69011	16.334	ng		99
34) Hexachlorobutadiene	11.061	225	75206	42.556	ng		99
35) Caprolactam	11.660	113	49659m	47.092	ng		
36) 4-Chloro-3-methylphenol	12.007	107	159208	46.910	ng		98
37) 2-Methylnaphthalene	12.383	142	264755	39.833	ng		98
38) 1-Methylnaphthalene	12.606	142	253102	40.340	ng		99
40) 1,2,4,5-Tetrachloroben...	12.753	216	149348	42.742	ng		99
41) Hexachlorocyclopentadiene	12.735	237	198531	107.021	ng		97
43) 2,4,6-Trichlorophenol	12.988	196	116574	46.594	ng		97

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44) 2,4,5-Trichlorophenol	13.064	196	127883	43.850	ng		95
46) 1,1'-Biphenyl	13.393	154	364417	42.108	ng		99
47) 2-Chloronaphthalene	13.434	162	282366	42.470	ng		98
48) 2-Nitroaniline	13.634	65	111582	47.226	ng		98
49) Acenaphthylene	14.281	152	470024	41.187	ng		99
50) Dimethylphthalate	14.016	163	400363	41.357	ng		99
51) 2,6-Dinitrotoluene	14.134	165	88389	49.583	ng		92
52) Acenaphthene	14.621	154	335038m	47.423	ng		
53) 3-Nitroaniline	14.463	138	55881	27.816	ng		100
54) 2,4-Dinitrophenol	14.668	184	109477	113.009	ng		96
55) Dibenzofuran	14.956	168	465682	40.994	ng		99
56) 4-Nitrophenol	14.768	139	164054	102.755	ng		96
57) 2,4-Dinitrotoluene	14.921	165	127230	52.630	ng	#	94
58) Fluorene	15.608	166	371670	41.333	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	118033	47.491	ng		98
60) Diethylphthalate	15.379	149	415016	41.788	ng		98
61) 4-Chlorophenyl-phenyle...	15.597	204	199046	41.630	ng		97
62) 4-Nitroaniline	15.626	138	93240	45.526	ng		97
63) Azobenzene	15.890	77	401088	39.481	ng		99
65) 4,6-Dinitro-2-methylph...	15.679	198	77487	52.537	ng		93
66) n-Nitrosodiphenylamine	15.814	169	339922	40.546	ng		98
67) 4-Bromophenyl-phenylether	16.490	248	139100	41.292	ng		96
68) Hexachlorobenzene	16.607	284	154219	44.907	ng		97
69) Atrazine	16.760	200	130969	45.509	ng		98
70) Pentachlorophenol	16.948	266	212975	83.944	ng		99
71) Phenanthrene	17.348	178	625692	40.683	ng		99
72) Anthracene	17.436	178	639011	40.689	ng		99
73) Carbazole	17.706	167	613487	42.367	ng		100
74) Di-n-butylphthalate	18.264	149	742041	43.279	ng		100
75) Fluoranthene	19.357	202	761477	41.561	ng		99
77) Benzidine	19.533	184	159021m	25.445	ng		
78) Pyrene	19.715	202	776942	40.853	ng		99
80) Butylbenzylphthalate	20.608	149	325263	44.959	ng		95
81) Benzo(a)anthracene	21.537	228	775653	42.405	ng		100
82) 3,3'-Dichlorobenzidine	21.454	252	240530	38.662	ng		100
83) Chrysene	21.601	228	718604	40.936	ng		98
84) Bis(2-ethylhexyl)phtha...	21.449	149	460045	43.797	ng		100
85) Di-n-octyl phthalate	22.635	149	836840	45.422	ng		97
87) Indeno(1,2,3-cd)pyrene	28.305	276	954773	44.714	ng		99
88) Benzo(b)fluoranthene	23.711	252	806602	45.069	ng		98
89) Benzo(k)fluoranthene	23.775	252	797896	43.774	ng		100
90) Benzo(a)pyrene	24.563	252	726024	41.306	ng		99
91) Dibenzo(a,h)anthracene	28.370	278	798253	45.056	ng		98
92) Benzo(g,h,i)perylene	29.433	276	779421	43.936	ng		100

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

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