Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
Data File : BG057601.D
Acq On : 27 May 2023 2:44
Operator : CG/JU
Sample : PB153078BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 27 04:48:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 23:44:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB153078BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.349	152	16243	20.000	ng		0.00
21) Naphthalene-d8	11.186	136	70368	20.000	ng	#	0.00
39) Acenaphthene-d10	14.969	164	58367	20.000	ng		0.00
64) Phenanthrene-d10	17.707	188	166817	20.000	ng		0.00
76) Chrysene-d12	22.018	240	151527	20.000	ng		0.00
86) Perylene-d12	25.520	264	163408	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.864	112	148338	158.658	ng		0.00
7) Phenol-d6	7.497	99	222078	151.777	ng		0.00
23) Nitrobenzene-d5	9.529	82	134897	89.613	ng		0.00
42) 2,4,6-Tribromophenol	16.455	330	128531	137.544	ng		0.00
45) 2-Fluorobiphenyl	13.589	172	356187	87.701	ng		0.00
79) Terphenyl-d14	20.280	244	830517	94.943	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.649	88	13713	35.400	ng	#	94
3) Pyridine	4.078	79	39555	33.400	ng		95
4) n-Nitrosodimethylamine	3.984	42	21188	44.218	ng		92
6) Aniline	7.656	93	68672	38.796	ng		99
8) 2-Chlorophenol	7.908	128	53375	53.176	ng		95
9) Benzaldehyde	7.473	77	33499	34.556	ng		97
10) Phenol	7.520	94	75952	54.844	ng		99
11) bis(2-Chloroethyl)ether	7.744	93	48790	47.182	ng		98
12) 1,3-Dichlorobenzene	8.237	146	53149	49.702	ng		97
13) 1,4-Dichlorobenzene	8.384	146	53987	49.624	ng		98
14) 1,2-Dichlorobenzene	8.707	146	53015	49.960	ng		97
15) Benzyl Alcohol	8.584	79	58000	51.530	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.866	45	60430	47.063	ng		96
17) 2-Methylphenol	8.789	107	52018	51.149	ng		95
18) Hexachloroethane	9.441	117	18671	50.121	ng		89
19) n-Nitroso-di-n-propyla...	9.148	70	46608	45.850	ng		99
20) 3+4-Methylphenols	9.118	107	71928	50.382	ng		97
22) Acetophenone	9.177	105	86447	45.943	ng	#	97
24) Nitrobenzene	9.571	77	68422	44.778	ng		98
25) Isophorone	10.088	82	133465	45.108	ng		100
26) 2-Nitrophenol	10.293	139	31676	48.349	ng		98
27) 2,4-Dimethylphenol	10.334	122	58972	52.063	ng		97
28) bis(2-Chloroethoxy)met...	10.563	93	71879	46.850	ng		99
29) 2,4-Dichlorophenol	10.834	162	62243	52.319	ng		98
30) 1,2,4-Trichlorobenzene	11.045	180	60864	46.942	ng		99
31) Naphthalene	11.239	128	170130	45.704	ng		98
32) Benzoic acid	10.493	122	31063m	47.172	ng		
33) 4-Chloroaniline	11.345	127	47488	27.741	ng		96
34) Hexachlorobutadiene	11.503	225	40410	45.060	ng		96
35) Caprolactam	12.114	113	24141m	48.949	ng		
36) 4-Chloro-3-methylphenol	12.443	107	73621	52.281	ng		98
37) 2-Methylnaphthalene	12.819	142	129289	44.254	ng		97
38) 1-Methylnaphthalene	13.031	142	123730	44.380	ng		99
40) 1,2,4,5-Tetrachloroben...	13.177	216	85910	44.843	ng		99
41) Hexachlorocyclopentadiene	13.148	237	54655	98.284	ng		99
43) 2,4,6-Trichlorophenol	13.418	196	59018	48.933	ng		97

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44) 2,4,5-Trichlorophenol	13.501	196	65238	45.415	ng		94
46) 1,1'-Biphenyl	13.800	154	190852	45.751	ng		99
47) 2-Chloronaphthalene	13.859	162	146773	46.711	ng		99
48) 2-Nitroaniline	14.059	65	52920	48.081	ng		97
49) Acenaphthylene	14.693	152	243390	45.744	ng		99
50) Dimethylphthalate	14.405	163	219890	45.710	ng		98
51) 2,6-Dinitrotoluene	14.534	165	50946	49.474	ng		95
52) Acenaphthene	15.028	154	149729	45.989	ng		98
53) 3-Nitroaniline	14.875	138	31872	29.674	ng		93
54) 2,4-Dinitrophenol	15.092	184	61300	96.991	ng		95
55) Dibenzofuran	15.363	168	252943	45.468	ng		99
56) 4-Nitrophenol	15.187	139	74788	104.507	ng		97
57) 2,4-Dinitrotoluene	15.327	165	75283	48.827	ng	#	93
58) Fluorene	16.009	166	216804	46.157	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.592	232	66150	49.155	ng		95
60) Diethylphthalate	15.750	149	232516	46.309	ng		100
61) 4-Chlorophenyl-phenyle...	15.985	204	121353	46.358	ng		99
62) 4-Nitroaniline	16.032	138	52578	45.380	ng		94
63) Azobenzene	16.279	77	207061	46.371	ng		98
65) 4,6-Dinitro-2-methylph...	16.097	198	49955	49.182	ng		94
66) n-Nitrosodiphenylamine	16.203	169	196054	45.217	ng		99
67) 4-Bromophenyl-phenylether	16.878	248	85196	45.529	ng		99
68) Hexachlorobenzene	17.013	284	92017	47.705	ng		99
69) Atrazine	17.137	200	93738	50.356	ng		100
70) Pentachlorophenol	17.360	266	87887	89.422	ng		98
71) Phenanthrene	17.754	178	391040	45.807	ng		99
72) Anthracene	17.842	178	395181	45.125	ng		98
73) Carbazole	18.112	167	361265	46.113	ng		100
74) Di-n-butylphthalate	18.623	149	412844	44.390	ng		100
75) Fluoranthene	19.739	202	494700	44.639	ng		99
77) Benzidine	19.910	184	258195	56.310	ng		99
78) Pyrene	20.103	202	498919	46.243	ng		99
80) Butylbenzylphthalate	20.949	149	181767	46.259	ng		99
81) Benzo(a)anthracene	21.995	228	490657	46.674	ng		98
82) 3,3'-Dichlorobenzidine	21.895	252	128548	33.160	ng		100
83) Chrysene	22.071	228	444773	44.771	ng		99
84) Bis(2-ethylhexyl)phtha...	21.836	149	255372	45.562	ng		100
85) Di-n-octyl phthalate	23.129	149	433652	46.677	ng		100
87) Indeno(1,2,3-cd)pyrene	29.591	276	546908	48.004	ng		100
88) Benzo(b)fluoranthene	24.403	252	492931	49.008	ng		98
89) Benzo(k)fluoranthene	24.474	252	487693	48.044	ng		98
90) Benzo(a)pyrene	25.355	252	435361	44.384	ng		100
91) Dibenzo(a,h)anthracene	29.632	278	454639	47.949	ng		99
92) Benzo(g,h,i)perylene	30.859	276	441220	47.714	ng		100

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

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