Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
Data File : BG057787.D
Acq On : 21 Jun 2023 16:37
Operator : CG/JU
Sample : PB153543BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 22 04:50:29 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 :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
06/23/2023
Supervised By :mohammad ahmed
06/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.924	152	33565	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	160814	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	116064	20.000	ng		0.00
64) Phenanthrene-d10	17.301	188	291370	20.000	ng		0.00
76) Chrysene-d12	21.561	240	242402	20.000	ng		0.00
86) Perylene-d12	24.710	264	295728	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.497	112	310731	142.743	ng		0.00
7) Phenol-d6	7.090	99	444170	133.724	ng		0.00
23) Nitrobenzene-d5	9.087	82	249538	79.640	ng		0.00
42) 2,4,6-Tribromophenol	16.050	330	206731	127.867	ng		0.00
45) 2-Fluorobiphenyl	13.182	172	592264	77.398	ng		0.00
79) Terphenyl-d14	19.922	244	1079756	83.060	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.394	88	36571	36.907	ng		96
3) Pyridine	3.788	79	89686	29.717	ng		96
4) n-Nitrosodimethylamine	3.705	42	53289	38.643	ng		99
6) Aniline	7.248	93	126727	29.797	ng		99
8) 2-Chlorophenol	7.489	128	116202	51.889	ng		97
9) Benzaldehyde	7.060	77	25167m	12.050	ng		
10) Phenol	7.113	94	166795	51.001	ng		98
11) bis(2-Chloroethyl)ether	7.342	93	107838	42.888	ng		94
12) 1,3-Dichlorobenzene	7.812	146	103350	45.348	ng		95
13) 1,4-Dichlorobenzene	7.959	146	105066	45.498	ng		96
14) 1,2-Dichlorobenzene	8.276	146	105353	47.149	ng		97
15) Benzyl Alcohol	8.159	79	118164	46.525	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.453	45	198575m	41.111	ng		
17) 2-Methylphenol	8.365	107	111647	46.416	ng		99
18) Hexachloroethane	9.005	117	37414	45.948	ng		96
19) n-Nitroso-di-n-propyla...	8.729	70	95413	41.203	ng		98
20) 3+4-Methylphenols	8.694	107	156361	47.060	ng		99
22) Acetophenone	8.746	105	186434	41.342	ng	#	97
24) Nitrobenzene	9.128	77	135746	41.626	ng		97
25) Isophorone	9.651	82	278237	38.867	ng		98
26) 2-Nitrophenol	9.839	139	55551	53.544	ng		97
27) 2,4-Dimethylphenol	9.898	122	120662	46.975	ng		98
28) bis(2-Chloroethoxy)met...	10.139	93	161093	41.787	ng		97
29) 2,4-Dichlorophenol	10.374	162	116005	47.558	ng		98
30) 1,2,4-Trichlorobenzene	10.591	180	115084	42.328	ng		97
31) Naphthalene	10.779	128	348857	40.760	ng		98
32) Benzoic acid	10.033	122	92872	49.109	ng		97
33) 4-Chloroaniline	10.885	127	64309	16.216	ng		96
34) Hexachlorobutadiene	11.061	225	69236	41.739	ng		98
35) Caprolactam	11.661	113	45437m	45.905	ng		
36) 4-Chloro-3-methylphenol	12.007	107	147202	46.208	ng		98
37) 2-Methylnaphthalene	12.389	142	247533	39.677	ng		99
38) 1-Methylnaphthalene	12.607	142	233933	39.723	ng		98
40) 1,2,4,5-Tetrachloroben...	12.754	216	136817	42.521	ng		99
41) Hexachlorocyclopentadiene	12.736	237	181158	106.050	ng		99
43) 2,4,6-Trichlorophenol	12.994	196	106617	46.277	ng		99

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44) 2,4,5-Trichlorophenol	13.065	196	118456	44.109	ng	97
46) 1,1'-Biphenyl	13.394	154	336645	42.243	ng	98
47) 2-Chloronaphthalene	13.441	162	261977	42.790	ng	98
48) 2-Nitroaniline	13.641	65	101261	46.542	ng	94
49) Acenaphthylene	14.281	152	437608	41.642	ng	98
50) Dimethylphthalate	14.017	163	372449	41.781	ng	99
51) 2,6-Dinitrotoluene	14.134	165	79361	48.345	ng	93
52) Acenaphthene	14.628	154	308432m	47.410	ng	
53) 3-Nitroaniline	14.463	138	50261	27.169	ng	94
54) 2,4-Dinitrophenol	14.669	184	93400	105.098	ng	96
55) Dibenzofuran	14.957	168	431541	41.254	ng	99
56) 4-Nitrophenol	14.769	139	154255	104.922	ng	96
57) 2,4-Dinitrotoluene	14.922	165	113921	51.175	ng	97
58) Fluorene	15.609	166	343994	41.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	108437	47.380	ng	99
60) Diethylphthalate	15.380	149	391607	42.820	ng	99
61) 4-Chlorophenyl-phenyle...	15.597	204	183770	41.739	ng	99
62) 4-Nitroaniline	15.627	138	84951	45.044	ng	98
63) Azobenzene	15.891	77	378194	40.427	ng	99
65) 4,6-Dinitro-2-methylph...	15.680	198	67299	50.027	ng	96
66) n-Nitrosodiphenylamine	15.815	169	315553	41.033	ng	98
67) 4-Bromophenyl-phenylether	16.496	248	126616	40.975	ng	93
68) Hexachlorobenzene	16.608	284	139238	44.201	ng	96
69) Atrazine	16.761	200	119778	45.374	ng	97
70) Pentachlorophenol	16.949	266	193079	82.965	ng	99
71) Phenanthrene	17.348	178	582128	41.263	ng	99
72) Anthracene	17.436	178	593717	41.214	ng	99
73) Carbazole	17.707	167	568151	42.775	ng	100
74) Di-n-butylphthalate	18.265	149	689530	43.843	ng	99
75) Fluoranthene	19.358	202	695921	41.408	ng	100
77) Benzidine	19.534	184	164848	29.012	ng	97
78) Pyrene	19.716	202	714404	41.315	ng	100
80) Butylbenzylphthalate	20.609	149	306592	46.610	ng	95
81) Benzo(a)anthracene	21.537	228	701446	42.177	ng	99
82) 3,3'-Dichlorobenzidine	21.455	252	215887	38.166	ng	99
83) Chrysene	21.602	228	650470	40.755	ng	99
84) Bis(2-ethylhexyl)phtha...	21.455	149	428034	44.818	ng	98
85) Di-n-octyl phthalate	22.642	149	777851	46.436	ng	98
87) Indeno(1,2,3-cd)pyrene	28.312	276	863029	44.635	ng	98
88) Benzo(b)fluoranthene	23.711	252	719286	44.385	ng	98
89) Benzo(k)fluoranthene	23.776	252	717951	43.499	ng	99
90) Benzo(a)pyrene	24.563	252	653669	41.071	ng	99
91) Dibenzo(a,h)anthracene	28.371	278	711168	44.330	ng	99
92) Benzo(g,h,i)perylene	29.434	276	707169	44.024	ng	97

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

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