Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
Data File : BG056995.D
Acq On : 5 Apr 2023 17:58
Operator : CG/JU
Sample : 02109-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 06 02:01:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B-30-SB02MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.413	152	13812	20.000	ng		0.00
21) Naphthalene-d8	11.256	136	60252	20.000	ng	#	0.00
39) Acenaphthene-d10	15.027	164	46272	20.000	ng		0.00
64) Phenanthrene-d10	17.765	188	112483	20.000	ng		0.00
76) Chrysene-d12	22.088	240	90312	20.000	ng		0.00
86) Perylene-d12	25.630	264	96697	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.922	112	107076	124.073	ng		0.00
7) Phenol-d6	7.543	99	158703	122.955	ng		0.00
23) Nitrobenzene-d5	9.593	82	100010	67.918	ng		0.00
42) 2,4,6-Tribromophenol	16.507	330	86167	116.566	ng		0.00
45) 2-Fluorobiphenyl	13.653	172	233916	68.550	ng		0.00
79) Terphenyl-d14	20.332	244	382033	71.581	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.725	88	14660	38.751	ng		99
3) Pyridine	4.148	79	42133	34.578	ng	#	93
4) n-Nitrosodimethylamine	4.054	42	24011	42.860	ng		94
6) Aniline	7.719	93	52178	31.622	ng		98
8) 2-Chlorophenol	7.966	128	45533	52.970	ng		92
9) Benzaldehyde	7.531	77	33856	41.819	ng		94
10) Phenol	7.572	94	67060	52.434	ng		97
11) bis(2-Chloroethyl)ether	7.807	93	40978	44.980	ng		96
12) 1,3-Dichlorobenzene	8.301	146	47034	49.519	ng		96
13) 1,4-Dichlorobenzene	8.448	146	48715	50.817	ng		93
14) 1,2-Dichlorobenzene	8.777	146	46612	50.329	ng		92
15) Benzyl Alcohol	8.642	79	52202	48.673	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.935	45	50003m	45.542	ng		
17) 2-Methylphenol	8.841	107	45359	49.711	ng		92
18) Hexachloroethane	9.517	117	17120	48.861	ng		88
19) n-Nitroso-di-n-propyla...	9.217	70	41402	44.845	ng		97
20) 3+4-Methylphenols	9.170	107	61735	48.385	ng		95
22) Acetophenone	9.241	105	74327	41.457	ng	#	99
24) Nitrobenzene	9.634	77	63047	41.878	ng		99
25) Isophorone	10.151	82	113311	40.410	ng		99
26) 2-Nitrophenol	10.351	139	27818	47.871	ng		96
27) 2,4-Dimethylphenol	10.392	122	47829	46.617	ng		100
28) bis(2-Chloroethoxy)met...	10.627	93	58365	41.576	ng		95
29) 2,4-Dichlorophenol	10.886	162	52072	47.192	ng		99
30) 1,2,4-Trichlorobenzene	11.109	180	51594	44.007	ng		95
31) Naphthalene	11.303	128	141104	42.965	ng		99
32) Benzoic acid	10.463	122	8390m	11.905	ng		
33) 4-Chloroaniline	11.403	127	38481	25.944	ng		96
34) Hexachlorobutadiene	11.579	225	37931	43.070	ng		91
35) Caprolactam	12.166	113	17708	46.536	ng		93
36) 4-Chloro-3-methylphenol	12.489	107	57855	46.886	ng		100
37) 2-Methylnaphthalene	12.883	142	105897	40.628	ng		98
38) 1-Methylnaphthalene	13.094	142	99279	40.563	ng		97
40) 1,2,4,5-Tetrachloroben...	13.241	216	73329	45.700	ng		99
41) Hexachlorocyclopentadiene	13.218	237	93025	105.222	ng		96
43) 2,4,6-Trichlorophenol	13.465	196	51768	50.558	ng		91

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44) 2,4,5-Trichlorophenol	13.541	196	55720	45.935	ng		98
46) 1,1'-Biphenyl	13.864	154	157077	46.373	ng		98
47) 2-Chloronaphthalene	13.917	162	117688	46.978	ng		98
48) 2-Nitroaniline	14.105	65	39979	44.630	ng		97
49) Acenaphthylene	14.757	152	183269	44.525	ng		99
50) Dimethylphthalate	14.463	163	160080	43.907	ng		99
51) 2,6-Dinitrotoluene	14.587	165	35292	44.802	ng		98
52) Acenaphthene	15.092	154	137855	48.562	ng		97
53) 3-Nitroaniline	14.921	138	24379	31.267	ng		88
54) 2,4-Dinitrophenol	15.127	184	37778	85.203	ng	#	86
55) Dibenzofuran	15.421	168	187319	43.965	ng		98
56) 4-Nitrophenol	15.215	139	56392	97.806	ng		93
57) 2,4-Dinitrotoluene	15.374	165	50193	45.178	ng		98
58) Fluorene	16.067	166	156489	44.386	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.644	232	54235	49.106	ng	#	99
60) Diethylphthalate	15.808	149	160512	43.916	ng		97
61) 4-Chlorophenyl-phenyle...	16.049	204	92447	44.660	ng		96
62) 4-Nitroaniline	16.079	138	35319	43.720	ng		94
63) Azobenzene	16.343	77	159361	43.750	ng		99
65) 4,6-Dinitro-2-methylph...	16.137	198	34069	50.010	ng		93
66) n-Nitrosodiphenylamine	16.261	169	133407	44.181	ng		97
67) 4-Bromophenyl-phenylether	16.942	248	60521	43.485	ng		98
68) Hexachlorobenzene	17.071	284	65380	47.515	ng		97
69) Atrazine	17.195	200	58266	46.486	ng		96
70) Pentachlorophenol	17.412	266	74161	75.126	ng		96
71) Phenanthrene	17.812	178	251744	43.897	ng		99
72) Anthracene	17.900	178	255565	43.471	ng		99
73) Carbazole	18.164	167	225671	44.027	ng		95
74) Di-n-butylphthalate	18.687	149	255669	43.074	ng		98
75) Fluoranthene	19.797	202	285782	39.310	ng		98
77) Benzidine	19.962	184	106573	43.173	ng		99
78) Pyrene	20.155	202	281054	44.994	ng		99
80) Butylbenzylphthalate	21.013	149	100184	46.608	ng		97
81) Benzo(a)anthracene	22.065	228	274280	43.888	ng		99
82) 3,3'-Dichlorobenzidine	21.959	252	73668	34.908	ng		92
83) Chrysene	22.141	228	254158	43.434	ng		99
84) Bis(2-ethylhexyl)phtha...	21.918	149	137692	44.237	ng		99
85) Di-n-octyl phthalate	23.234	149	232014	44.234	ng		99
87) Indeno(1,2,3-cd)pyrene	29.737	276	318277	44.537	ng	#	91
88) Benzo(b)fluoranthene	24.497	252	277937	45.965	ng		99
89) Benzo(k)fluoranthene	24.567	252	274457	45.465	ng		99
90) Benzo(a)pyrene	25.466	252	244001	41.064	ng		98
91) Dibenzo(a,h)anthracene	29.801	278	271700	46.253	ng		97
92) Benzo(g,h,i)perylene	31.017	276	254014	44.161	ng		99

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

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