Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053750.D
Acq On : 28 May 2022 14:31
Operator : CG/JU
Sample : N3080-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 29 02:19:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 29 02:17:06 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-5MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	33950	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	127290	20.000	ng		0.00
39) Acenaphthene-d10	14.596	164	77939	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	162475	20.000	ng		0.00
76) Chrysene-d12	21.604	240	150215	20.000	ng	#	0.00
86) Perylene-d12	24.782	264	151555	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	218985	109.469	ng		0.00
7) Phenol-d6	7.147	99	318343	104.857	ng		0.00
23) Nitrobenzene-d5	9.115	82	197389	66.011	ng		0.00
42) 2,4,6-Tribromophenol	16.094	330	129446	112.610	ng		0.00
45) 2-Fluorobiphenyl	13.215	172	396052	74.256	ng		0.00
79) Terphenyl-d14	19.953	244	680664	84.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.341	88	35030	33.375	ng		98
3) Pyridine	3.752	79	93335	36.412	ng		93
4) n-Nitrosodimethylamine	3.670	42	49913	39.974	ng	#	81
6) Aniline	7.271	93	147572	43.887	ng		97
8) 2-Chlorophenol	7.523	128	113600	54.321	ng		98
9) Benzaldehyde	7.077	77	84571m	43.849	ng		
10) Phenol	7.177	94	147717	49.749	ng		97
11) bis(2-Chloroethyl)ether	7.359	93	97276	43.927	ng		98
12) 1,3-Dichlorobenzene	7.834	146	123721	50.149	ng		97
13) 1,4-Dichlorobenzene	7.981	146	112469	45.176	ng		99
14) 1,2-Dichlorobenzene	8.299	146	103684	44.351	ng		97
15) Benzyl Alcohol	8.199	79	109719	43.227	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.475	45	164401	45.614	ng		96
17) 2-Methylphenol	8.422	107	94350	47.013	ng		94
18) Hexachloroethane	9.027	117	37694	39.871	ng		97
19) n-Nitroso-di-n-propyla...	8.757	70	103700	47.607	ng		95
20) 3+4-Methylphenols	8.757	107	143098	50.487	ng	#	86
22) Acetophenone	8.774	105	187900	53.936	ng	#	97
24) Nitrobenzene	9.162	77	137902	47.648	ng		97
25) Isophorone	9.679	82	233101	46.320	ng		97
26) 2-Nitrophenol	9.879	139	53790	45.888	ng		89
27) 2,4-Dimethylphenol	9.949	122	114225	64.751	ng		96
28) bis(2-Chloroethoxy)met...	10.161	93	152791	52.790	ng	#	98
29) 2,4-Dichlorophenol	10.431	162	110346	51.828	ng		92
30) 1,2,4-Trichlorobenzene	10.619	180	106023	43.829	ng		99
31) Naphthalene	10.807	128	290313	44.837	ng		100
32) Benzoic acid	10.161	122	46142m	42.933	ng		
33) 4-Chloroaniline	10.924	127	112994	41.670	ng		99
34) Hexachlorobutadiene	11.095	225	72843	40.609	ng		98
35) Caprolactam	11.712	113	26907m	34.777	ng		
36) 4-Chloro-3-methylphenol	12.076	107	95866	37.643	ng		98
37) 2-Methylnaphthalene	12.417	142	171319	35.454	ng		98
38) 1-Methylnaphthalene	12.640	142	167359	35.499	ng		97
40) 1,2,4,5-Tetrachloroben...	12.792	216	116662	47.486	ng		99
41) Hexachlorocyclopentadiene	12.769	237	84148	83.638	ng		98
43) 2,4,6-Trichlorophenol	13.039	196	78802	49.140	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	80294	47.045	ng		99
46) 1,1'-Biphenyl	13.427	154	252032	47.440	ng		98
47) 2-Chloronaphthalene	13.474	162	188657	45.325	ng		100
48) 2-Nitroaniline	13.680	65	74333	47.927	ng		97
49) Acenaphthylene	14.320	152	310231	46.708	ng		99
50) Dimethylphthalate	14.050	163	263073	44.418	ng		99
51) 2,6-Dinitrotoluene	14.173	165	57347	47.527	ng		97
52) Acenaphthene	14.655	154	179593	45.372	ng		99
53) 3-Nitroaniline	14.514	138	47347	36.316	ng		97
54) 2,4-Dinitrophenol	14.731	184	62433m	81.394	ng		
55) Dibenzofuran	14.995	168	274114	38.554	ng		99
56) 4-Nitrophenol	14.866	139	66444	71.353	ng	#	80
57) 2,4-Dinitrotoluene	14.966	165	71028	40.610	ng	#	89
58) Fluorene	15.642	166	225636	39.547	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.236	232	65894	38.052	ng		99
60) Diethylphthalate	15.407	149	233370	38.145	ng		98
61) 4-Chlorophenyl-phenyle...	15.630	204	127850	40.157	ng		98
62) 4-Nitroaniline	15.677	138	51434	38.036	ng		95
63) Azobenzene	15.924	77	232097	37.048	ng		99
65) 4,6-Dinitro-2-methylph...	15.741	198	44736	46.208	ng		97
66) n-Nitrosodiphenylamine	15.847	169	200649	47.036	ng		99
67) 4-Bromophenyl-phenylether	16.523	248	96901	51.067	ng		97
68) Hexachlorobenzene	16.652	284	106604	51.298	ng		97
69) Atrazine	16.799	200	87959	48.980	ng		99
70) Pentachlorophenol	17.010	266	88622	79.234	ng		94
71) Phenanthrene	17.386	178	383654	46.439	ng		97
72) Anthracene	17.474	178	384344	47.331	ng		100
73) Carbazole	17.750	167	341436	42.902	ng		99
74) Di-n-butylphthalate	18.291	149	392352	43.835	ng		100
75) Fluoranthene	19.395	202	474738	44.380	ng		98
77) Benzidine	19.572	184	251039	77.536	ng		99
78) Pyrene	19.759	202	502490	51.674	ng		99
80) Butylbenzylphthalate	20.635	149	159108	44.621	ng		97
81) Benzo(a)anthracene	21.586	228	449307	46.896	ng		100
82) 3,3'-Dichlorobenzidine	21.498	252	120809	49.723	ng		94
83) Chrysene	21.651	228	410694	45.896	ng		98
84) Bis(2-ethylhexyl)phtha...	21.481	149	224226	45.559	ng		98
85) Di-n-octyl phthalate	22.661	149	375826	45.158	ng		99
87) Indeno(1,2,3-cd)pyrene	28.430	276	486857	46.124	ng	#	96
88) Benzo(b)fluoranthene	23.778	252	447678	49.904	ng		98
89) Benzo(k)fluoranthene	23.842	252	424487	48.154	ng		97
90) Benzo(a)pyrene	24.635	252	421398	55.190	ng		100
91) Dibenzo(a,h)anthracene	28.483	278	425932	48.971	ng		96
92) Benzo(g,h,i)perylene	29.564	276	419059	48.606	ng		94

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

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