Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053550.D
Acq On : 13 May 2022 19:45
Operator : CG/JU
Sample : N2762-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB16MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

Quant Time: May 14 03:14:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.081	152	24255	20.000	ng		0.00
21) Naphthalene-d8	10.894	136	99688	20.000	ng		0.00
39) Acenaphthene-d10	14.713	164	81598	20.000	ng		0.00
64) Phenanthrene-d10	17.456	188	194177	20.000	ng		0.00
76) Chrysene-d12	21.738	240	184753	20.000	ng		0.00
86) Perylene-d12	25.016	264	194185	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.654	112	168856	118.149	ng		0.00
7) Phenol-d6	7.252	99	258613	119.232	ng		0.00
23) Nitrobenzene-d5	9.250	82	178031	76.022	ng		0.00
42) 2,4,6-Tribromophenol	16.199	330	130307	108.276	ng		0.00
45) 2-Fluorobiphenyl	13.332	172	380892	68.211	ng		0.00
79) Terphenyl-d14	20.058	244	678649	68.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.522	88	29898	39.871	ng	#	90
3) Pyridine	3.927	79	71244	38.904	ng		96
4) n-Nitrosodimethylamine	3.839	42	44105	49.441	ng	#	96
6) Aniline	7.405	93	77945	32.446	ng		99
8) 2-Chlorophenol	7.652	128	83838	56.114	ng		97
9) Benzaldehyde	7.217	77	54223m	39.351	ng		
10) Phenol	7.276	94	119606	56.382	ng		96
11) bis(2-Chloroethyl)ether	7.493	93	77206	48.799	ng		95
12) 1,3-Dichlorobenzene	7.975	146	84771	48.095	ng		93
13) 1,4-Dichlorobenzene	8.116	146	86081	48.398	ng		99
14) 1,2-Dichlorobenzene	8.439	146	84281	50.462	ng		96
15) Benzyl Alcohol	8.321	79	97938	54.009	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.609	45	123999	48.155	ng		95
17) 2-Methylphenol	8.527	107	78623	54.836	ng		98
18) Hexachloroethane	9.173	117	32490	48.103	ng		99
19) n-Nitroso-di-n-propyla...	8.885	70	77195	49.604	ng		97
20) 3+4-Methylphenols	8.856	107	110203	54.422	ng		99
22) Acetophenone	8.903	105	132818	48.681	ng	#	97
24) Nitrobenzene	9.291	77	116300	51.310	ng		96
25) Isophorone	9.813	82	214523	54.431	ng		98
26) 2-Nitrophenol	10.007	139	47256	51.476	ng		95
27) 2,4-Dimethylphenol	10.060	122	83471	60.418	ng		99
28) bis(2-Chloroethoxy)met...	10.289	93	113990	50.289	ng		99
29) 2,4-Dichlorophenol	10.548	162	96443	57.840	ng		94
30) 1,2,4-Trichlorobenzene	10.759	180	96753	51.071	ng		99
31) Naphthalene	10.947	128	257746	50.829	ng		98
32) Benzoic acid	10.242	122	46635m	52.940	ng		
33) 4-Chloroaniline	11.053	127	32931	15.507	ng		98
34) Hexachlorobutadiene	11.229	225	69910	49.765	ng		98
35) Caprolactam	11.823	113	31999m	52.810	ng		
36) 4-Chloro-3-methylphenol	12.175	107	110967	55.636	ng		97
37) 2-Methylnaphthalene	12.545	142	191610	50.633	ng		99
38) 1-Methylnaphthalene	12.762	142	186724	50.573	ng		96
40) 1,2,4,5-Tetrachloroben...	12.915	216	127939	49.742	ng		98
41) Hexachlorocyclopentadiene	12.892	237	106557	99.311	ng		97
43) 2,4,6-Trichlorophenol	13.150	196	90392	53.839	ng		96

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44) 2,4,5-Trichlorophenol	13.232	196	96797	54.171	ng		98
46) 1,1'-Biphenyl	13.544	154	271195	48.758	ng		100
47) 2-Chloronaphthalene	13.591	162	212046	48.660	ng		97
48) 2-Nitroaniline	13.790	65	85471	52.637	ng		94
49) Acenaphthylene	14.437	152	362483	52.128	ng		99
50) Dimethylphthalate	14.161	163	300784	48.508	ng		99
51) 2,6-Dinitrotoluene	14.284	165	64547	51.095	ng		96
52) Acenaphthene	14.777	154	206710	49.881	ng		99
53) 3-Nitroaniline	14.613	138	32711	23.965	ng		94
54) 2,4-Dinitrophenol	14.830	184	76904	94.662	ng		94
55) Dibenzofuran	15.112	168	358678	48.186	ng		98
56) 4-Nitrophenol	14.936	139	100163	102.740	ng		86
57) 2,4-Dinitrotoluene	15.071	165	94118	51.399	ng	#	92
58) Fluorene	15.758	166	294532	49.307	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.341	232	91930	50.706	ng		99
60) Diethylphthalate	15.518	149	306421	47.840	ng		99
61) 4-Chlorophenyl-phenyle...	15.741	204	161008	48.304	ng		96
62) 4-Nitroaniline	15.782	138	64012	45.215	ng		96
63) Azobenzene	16.034	77	316674	48.282	ng		98
65) 4,6-Dinitro-2-methylph...	15.841	198	56849	49.133	ng		97
66) n-Nitrosodiphenylamine	15.958	169	263336	51.653	ng		100
67) 4-Bromophenyl-phenylether	16.640	248	115379	50.878	ng		98
68) Hexachlorobenzene	16.769	284	128483	51.732	ng		98
69) Atrazine	16.904	200	112988	52.645	ng		98
70) Pentachlorophenol	17.115	266	128258	94.969	ng		92
71) Phenanthrene	17.497	178	518324	52.496	ng		97
72) Anthracene	17.591	178	500590	51.581	ng		98
73) Carbazole	17.856	167	449442	47.254	ng		100
74) Di-n-butylphthalate	18.402	149	513943	48.045	ng		100
75) Fluoranthene	19.506	202	656141	51.324	ng		99
77) Benzidine	19.682	184	210821	52.942	ng		98
78) Pyrene	19.870	202	650990	54.431	ng		100
80) Butylbenzylphthalate	20.740	149	226104	51.555	ng		97
81) Benzo(a)anthracene	21.715	228	632661	53.689	ng		99
82) 3,3'-Dichlorobenzidine	21.621	252	119189	39.886	ng		97
83) Chrysene	21.785	228	568584	51.662	ng		98
84) Bis(2-ethylhexyl)phtha...	21.603	149	321973	53.190	ng		97
85) Di-n-octyl phthalate	22.831	149	543071	53.055	ng		99
87) Indeno(1,2,3-cd)pyrene	28.776	276	701519	51.870	ng	#	94
88) Benzo(b)fluoranthene	23.977	252	654124	56.909	ng		100
89) Benzo(k)fluoranthene	24.041	252	616530	54.585	ng		99
90) Benzo(a)pyrene	24.864	252	624738	63.858	ng		100
91) Dibenzo(a,h)anthracene	28.829	278	593172	53.227	ng		97
92) Benzo(g,h,i)perylene	29.951	276	608964	55.127	ng		97

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

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