Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
Data File : BG052544.D
Acq On : 2 Mar 2022 19:41
Operator : CG/JU
Sample : N1708-10MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B19-15.5-16.0MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

Quant Time: Mar 03 02:26:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	30857	20.000	ng		0.00
21) Naphthalene-d8	11.060	136	123329	20.000	ng	#	0.00
39) Acenaphthene-d10	14.867	164	87118	20.000	ng		0.00
64) Phenanthrene-d10	17.616	188	208763	20.000	ng		0.00
76) Chrysene-d12	21.933	240	203904	20.000	ng		0.00
86) Perylene-d12	25.399	264	212846	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.755	112	231901	130.982	ng		0.00
7) Phenol-d6	7.371	99	324769	118.887	ng		0.00
23) Nitrobenzene-d5	9.392	82	217946	76.804	ng		0.00
42) 2,4,6-Tribromophenol	16.359	330	156166	124.774	ng		0.00
45) 2-Fluorobiphenyl	13.486	172	497640	79.374	ng		0.00
79) Terphenyl-d14	20.212	244	912984	79.067	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	31374	38.484	ng		95
3) Pyridine	3.987	79	86520	36.593	ng		94
4) n-Nitrosodimethylamine	3.899	42	51651	42.307	ng	#	68
6) Aniline	7.529	93	99486	31.347	ng		98
8) 2-Chlorophenol	7.782	128	102645	52.702	ng		95
9) Benzaldehyde	7.341	77	72813	51.194	ng		97
10) Phenol	7.400	94	146124	53.836	ng		93
11) bis(2-Chloroethyl)ether	7.618	93	94023	45.319	ng		96
12) 1,3-Dichlorobenzene	8.111	146	107981	48.659	ng		92
13) 1,4-Dichlorobenzene	8.258	146	108585	47.999	ng		96
14) 1,2-Dichlorobenzene	8.581	146	107650	48.250	ng		92
15) Benzyl Alcohol	8.458	79	106879	47.141	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.745	45	129321	43.166	ng		99
17) 2-Methylphenol	8.663	107	89369	49.897	ng		95
18) Hexachloroethane	9.321	117	37751	47.992	ng		95
19) n-Nitroso-di-n-propyla...	9.027	70	87784	42.625	ng		92
20) 3+4-Methylphenols	8.992	107	123069	48.029	ng		94
22) Acetophenone	9.045	105	153841	47.198	ng		93
24) Nitrobenzene	9.439	77	129193	47.996	ng		92
25) Isophorone	9.961	82	237048	49.095	ng		96
26) 2-Nitrophenol	10.155	139	60490	53.019	ng		85
27) 2,4-Dimethylphenol	10.208	122	102371	60.602	ng		93
28) bis(2-Chloroethoxy)met...	10.443	93	131400	47.953	ng	#	97
29) 2,4-Dichlorophenol	10.702	162	104852	51.785	ng		99
30) 1,2,4-Trichlorobenzene	10.919	180	112768	47.696	ng		96
31) Naphthalene	11.107	128	313401	48.473	ng		95
32) Benzoic acid	10.367	122	53403	48.783	ng		99
33) 4-Chloroaniline	11.213	127	49429	18.311	ng		97
34) Hexachlorobutadiene	11.395	225	72507	45.409	ng		98
35) Caprolactam	11.982	113	37284m	50.529	ng		
36) 4-Chloro-3-methylphenol	12.329	107	119116	51.711	ng		98
37) 2-Methylnaphthalene	12.705	142	227261	47.324	ng		97
38) 1-Methylnaphthalene	12.922	142	223926	48.122	ng	#	99
40) 1,2,4,5-Tetrachloroben...	13.069	216	139277	48.606	ng		98
41) Hexachlorocyclopentadiene	13.051	237	138916	99.289	ng		95
43) 2,4,6-Trichlorophenol	13.304	196	96184	51.324	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.386	196	101724	50.088	ng		96
46) 1,1'-Biphenyl	13.698	154	317445	49.692	ng		99
47) 2-Chloronaphthalene	13.750	162	240804	48.927	ng		98
48) 2-Nitroaniline	13.944	65	84539	48.247	ng		94
49) Acenaphthylene	14.591	152	414299	51.712	ng		99
50) Dimethylphthalate	14.309	163	323062	48.408	ng		99
51) 2,6-Dinitrotoluene	14.432	165	74371	51.641	ng	#	86
52) Acenaphthene	14.931	154	282359m	53.814	ng		
53) 3-Nitroaniline	14.767	138	46452	31.032	ng		93
54) 2,4-Dinitrophenol	14.972	184	81651	90.845	ng		98
55) Dibenzofuran	15.266	168	390299	47.300	ng		98
56) 4-Nitrophenol	15.078	139	120358	107.065	ng	#	84
57) 2,4-Dinitrotoluene	15.219	165	107037	52.220	ng	#	83
58) Fluorene	15.912	166	323446	49.102	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.489	232	93367	48.125	ng		99
60) Diethylphthalate	15.666	149	329817	48.922	ng		97
61) 4-Chlorophenyl-phenyle...	15.895	204	175966	46.895	ng		97
62) 4-Nitroaniline	15.930	138	78424	49.765	ng	#	84
63) Azobenzene	16.188	77	314618	45.587	ng		93
65) 4,6-Dinitro-2-methylph...	15.989	198	59203	47.142	ng		88
66) n-Nitrosodiphenylamine	16.112	169	288843	50.216	ng		96
67) 4-Bromophenyl-phenylether	16.793	248	121614	47.903	ng		96
68) Hexachlorobenzene	16.923	284	133695	48.553	ng		94
69) Atrazine	17.052	200	120450	51.796	ng		95
70) Pentachlorophenol	17.269	266	151429	112.410	ng		98
71) Phenanthrene	17.657	178	528614	49.119	ng		96
72) Anthracene	17.751	178	533938	50.630	ng		99
73) Carbazole	18.015	167	492606	47.893	ng		99
74) Di-n-butylphthalate	18.556	149	568874	50.763	ng		98
75) Fluoranthene	19.660	202	659201	48.105	ng		99
77) Benzidine	19.830	184	348968	80.094	ng		100
78) Pyrene	20.024	202	655672	48.056	ng		99
80) Butylbenzylphthalate	20.888	149	244726	51.637	ng		95
81) Benzo(a)anthracene	21.916	228	664808	49.270	ng		100
82) 3,3'-Dichlorobenzidine	21.810	252	105442	22.384	ng		99
83) Chrysene	21.986	228	608351	47.579	ng		99
84) Bis(2-ethylhexyl)phtha...	21.787	149	345453	52.567	ng		100
85) Di-n-octyl phthalate	23.079	149	581644	52.790	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.412	276	739698	47.491	ng	#	56
88) Benzo(b)fluoranthene	24.295	252	689274	51.967	ng		98
89) Benzo(k)fluoranthene	24.366	252	651704	49.738	ng		96
90) Benzo(a)pyrene	25.241	252	658901	58.808	ng		99
91) Dibenzo(a,h)anthracene	29.470	278	645696	50.183	ng		99
92) Benzo(g,h,i)perylene	30.663	276	637596	50.493	ng		97

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

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