Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
Data File : BG052606.D
Acq On : 8 Mar 2022 16:04
Operator : CG/JU
Sample : N1793-16MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-10MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

Quant Time: Mar 09 04:18:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.216	152	28659	20.000	ng		0.00
21) Naphthalene-d8	11.054	136	115849	20.000	ng	#	0.00
39) Acenaphthene-d10	14.860	164	83744	20.000	ng		0.00
64) Phenanthrene-d10	17.610	188	205158	20.000	ng		0.00
76) Chrysene-d12	21.933	240	205085	20.000	ng		0.00
86) Perylene-d12	25.393	264	214639	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.749	112	159653	94.909	ng		0.00
7) Phenol-d6	7.365	99	222194	94.004	ng		0.00
23) Nitrobenzene-d5	9.386	82	148940	58.611	ng		-0.01
42) 2,4,6-Tribromophenol	16.347	330	109708	91.154	ng		0.00
45) 2-Fluorobiphenyl	13.480	172	359061	59.122	ng		0.00
79) Terphenyl-d14	20.206	244	716957	62.603	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.570	88	31148	40.864	ng		91
3) Pyridine	3.981	79	81959	39.794	ng		90
4) n-Nitrosodimethylamine	3.893	42	48767	49.655	ng	#	72
6) Aniline	7.523	93	83984	30.643	ng		94
8) 2-Chlorophenol	7.776	128	100364	56.828	ng		93
9) Benzaldehyde	7.335	77	67917m	47.903	ng		
10) Phenol	7.394	94	138118	58.639	ng		93
11) bis(2-Chloroethyl)ether	7.611	93	92823	51.071	ng		95
12) 1,3-Dichlorobenzene	8.105	146	105214	50.583	ng		95
13) 1,4-Dichlorobenzene	8.252	146	106133	50.642	ng		96
14) 1,2-Dichlorobenzene	8.575	146	101761	49.846	ng		94
15) Benzyl Alcohol	8.451	79	101998	55.360	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.745	45	126493	51.640	ng		98
17) 2-Methylphenol	8.657	107	87896	56.235	ng		94
18) Hexachloroethane	9.315	117	36528	49.514	ng		94
19) n-Nitroso-di-n-propyla...	9.021	70	83273	51.744	ng		94
20) 3+4-Methylphenols	8.992	107	122104	57.153	ng		91
22) Acetophenone	9.039	105	144382	48.331	ng	#	93
24) Nitrobenzene	9.433	77	127195	52.916	ng	#	91
25) Isophorone	9.955	82	229941	53.649	ng		98
26) 2-Nitrophenol	10.155	139	57760	53.736	ng		89
27) 2,4-Dimethylphenol	10.208	122	97672	62.959	ng		87
28) bis(2-Chloroethoxy)met...	10.437	93	129044	50.155	ng		96
29) 2,4-Dichlorophenol	10.696	162	104326	56.923	ng		99
30) 1,2,4-Trichlorobenzene	10.913	180	112063	49.935	ng		96
31) Naphthalene	11.101	128	303743	49.977	ng		97
32) Benzoic acid	10.361	122	49128m	60.620	ng		
33) 4-Chloroaniline	11.212	127	34617	14.075	ng	#	91
34) Hexachlorobutadiene	11.389	225	72720	47.397	ng		99
35) Caprolactam	11.970	113	33894m	52.019	ng		
36) 4-Chloro-3-methylphenol	12.323	107	114082	55.885	ng		99
37) 2-Methylnaphthalene	12.699	142	223461	50.424	ng		99
38) 1-Methylnaphthalene	12.916	142	213210m	49.377	ng		
40) 1,2,4,5-Tetrachloroben...	13.069	216	133638	48.103	ng		99
41) Hexachlorocyclopentadiene	13.045	237	163163	123.754	ng		95
43) 2,4,6-Trichlorophenol	13.298	196	93139	53.778	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.380	196	100130	53.536	ng		95
46)	1,1'-Biphenyl	13.691	154	312130	50.571	ng		98
47)	2-Chloronaphthalene	13.744	162	239561	50.100	ng		97
48)	2-Nitroaniline	13.938	65	81911	52.132	ng		91
49)	Acenaphthylene	14.584	152	407680	53.033	ng		100
50)	Dimethylphthalate	14.302	163	318279	49.349	ng		99
51)	2,6-Dinitrotoluene	14.426	165	72835	52.028	ng	#	89
52)	Acenaphthene	14.925	154	289297m	57.939	ng		
53)	3-Nitroaniline	14.761	138	32320	21.866	ng		96
54)	2,4-Dinitrophenol	14.972	184	92672	105.121	ng		93
55)	Dibenzofuran	15.260	168	382785	48.499	ng		99
56)	4-Nitrophenol	15.072	139	120769	120.158	ng	#	83
57)	2,4-Dinitrotoluene	15.213	165	103923	52.485	ng	#	87
58)	Fluorene	15.906	166	318527	49.878	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.489	232	95189	53.231	ng		97
60)	Diethylphthalate	15.659	149	324457	49.303	ng		98
61)	4-Chlorophenyl-phenyle...	15.888	204	175233	48.907	ng		99
62)	4-Nitroaniline	15.924	138	73706	47.839	ng		87
63)	Azobenzene	16.182	77	307666	47.890	ng		95
65)	4,6-Dinitro-2-methylph...	15.982	198	63743	50.857	ng		92
66)	n-Nitrosodiphenylamine	16.106	169	288141	50.570	ng		98
67)	4-Bromophenyl-phenylether	16.787	248	121299	48.922	ng		97
68)	Hexachlorobenzene	16.922	284	134712	50.255	ng	#	90
69)	Atrazine	17.046	200	119991	55.259	ng		93
70)	Pentachlorophenol	17.269	266	152204	107.763	ng		97
71)	Phenanthrene	17.657	178	529550	49.662	ng		98
72)	Anthracene	17.745	178	540104	51.323	ng		99
73)	Carbazole	18.015	167	504755	48.788	ng		99
74)	Di-n-butylphthalate	18.550	149	580001	50.309	ng		98
75)	Fluoranthene	19.660	202	686702	49.954	ng		98
77)	Benzidine	19.830	184	248572	56.684	ng		99
78)	Pyrene	20.024	202	683990	50.634	ng		100
80)	Butylbenzylphthalate	20.888	149	254908	50.843	ng		92
81)	Benzo(a)anthracene	21.910	228	687587	50.399	ng		99
82)	3,3'-Dichlorobenzidine	21.810	252	156642	32.401	ng		99
83)	Chrysene	21.980	228	626487	48.379	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.786	149	360089	51.507	ng		99
85)	Di-n-octyl phthalate	23.073	149	608309	52.171	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	29.394	276	768864	49.070	ng		99
88)	Benzo(b)fluoranthene	24.283	252	724237	53.828	ng		99
89)	Benzo(k)fluoranthene	24.359	252	677935	50.721	ng		99
90)	Benzo(a)pyrene	25.229	252	687675	60.757	ng		98
91)	Dibenzo(a,h)anthracene	29.458	278	666727	51.647	ng		98
92)	Benzo(g,h,i)perylene	30.645	276	665354	52.290	ng		98

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

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