Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
Data File : BG053077.D
Acq On : 8 Apr 2022 10:31
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

Quant Time: Apr 08 14:57:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 14:56:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.122	152	28744	20.000	ng		0.00
21) Naphthalene-d8	10.936	136	116369	20.000	ng	#	0.00
39) Acenaphthene-d10	14.743	164	89157	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	215566	20.000	ng		0.00
76) Chrysene-d12	21.775	240	226839	20.000	ng		0.00
86) Perylene-d12	25.076	264	220768	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	17907	10.849	ng		0.00
7) Phenol-d6	7.277	99	26953	10.832	ng		0.00
23) Nitrobenzene-d5	9.280	82	30480	13.146	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	14299	11.935	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	71229	11.783	ng		0.00
79) Terphenyl-d14	20.089	244	147783	11.589	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	4972	6.022	ng		91
3) Pyridine	3.981	79	9779	4.620	ng	#	82
4) n-Nitrosodimethylamine	3.887	42	5445	5.799	ng	#	52
6) Aniline	7.435	93	15432	5.289	ng		96
8) 2-Chlorophenol	7.688	128	9326	5.377	ng		90
9) Benzaldehyde	7.259	77	8525	5.578	ng	#	78
10) Phenol	7.306	94	14120	5.748	ng		91
11) bis(2-Chloroethyl)ether	7.529	93	9717	5.238	ng		98
12) 1,3-Dichlorobenzene	8.011	146	10889	5.215	ng		94
13) 1,4-Dichlorobenzene	8.158	146	11883	5.664	ng		97
14) 1,2-Dichlorobenzene	8.475	146	11705	5.899	ng		94
15) Benzyl Alcohol	8.357	79	11882	5.671	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.645	45	16643	5.152	ng		96
17) 2-Methylphenol	8.563	107	9550	5.832	ng		95
18) Hexachloroethane	9.215	117	4145	5.385	ng		97
19) n-Nitroso-di-n-propyla...	8.921	70	9606	5.451	ng	#	97
20) 3+4-Methylphenols	8.892	107	12525	5.466	ng		95
22) Acetophenone	8.939	105	17184	5.706	ng		94
24) Nitrobenzene	9.321	77	15370	6.625	ng		90
25) Isophorone	9.844	82	24550	5.468	ng		99
26) 2-Nitrophenol	10.043	139	5644	7.006	ng		95
27) 2,4-Dimethylphenol	10.096	122	8380	5.084	ng		86
28) bis(2-Chloroethoxy)met...	10.325	93	14135	5.325	ng		99
29) 2,4-Dichlorophenol	10.584	162	10028	5.407	ng		97
30) 1,2,4-Trichlorobenzene	10.801	180	12036	5.501	ng	#	95
31) Naphthalene	10.989	128	32211	5.353	ng		98
32) Benzoic acid	10.202	122	3187m	2.877	ng		
33) 4-Chloroaniline	11.089	127	13773	5.400	ng	#	95
34) Hexachlorobutadiene	11.277	225	9216	5.875	ng		97
35) Caprolactam	11.829	113	3675	7.257	ng		88
36) 4-Chloro-3-methylphenol	12.199	107	11974	5.560	ng	#	89
37) 2-Methylnaphthalene	12.587	142	23858	5.414	ng		90
38) 1-Methylnaphthalene	12.804	142	24657	5.733	ng		92
40) 1,2,4,5-Tetrachloroben...	12.951	216	15718	5.643	ng		96
43) 2,4,6-Trichlorophenol	13.186	196	10143	5.686	ng		85
44) 2,4,5-Trichlorophenol	13.257	196	11177	6.173	ng	#	95

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Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 14:57:19 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.580	154	33778	5.417	ng		97
47) 2-Chloronaphthalene	13.627	162	27572	5.615	ng		93
48) 2-Nitroaniline	13.815	65	9589	7.141	ng	#	82
49) Acenaphthylene	14.467	152	41275	5.273	ng		95
50) Dimethylphthalate	14.185	163	37856	5.713	ng		98
51) 2,6-Dinitrotoluene	14.308	165	8029	7.177	ng		96
52) Acenaphthene	14.808	154	27060	5.396	ng		92
53) 3-Nitroaniline	14.643	138	7635	5.832	ng	#	85
55) Dibenzofuran	15.142	168	45433	5.548	ng		98
56) 4-Nitrophenol	14.948	139	5117	4.792	ng		86
57) 2,4-Dinitrotoluene	15.089	165	10608	6.834	ng	#	92
58) Fluorene	15.789	166	37877	5.674	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.371	232	10421	5.385	ng	#	98
60) Diethylphthalate	15.542	149	39562	5.656	ng		99
61) 4-Chlorophenyl-phenyle...	15.777	204	20606	5.597	ng		96
62) 4-Nitroaniline	15.794	138	8509	6.151	ng		88
63) Azobenzene	16.071	77	39839	5.329	ng		95
65) 4,6-Dinitro-2-methylph...	15.859	198	6818	7.094	ng		94
66) n-Nitrosodiphenylamine	15.988	169	32698	5.388	ng		99
67) 4-Bromophenyl-phenylether	16.670	248	14267	5.490	ng		96
68) Hexachlorobenzene	16.799	284	15315	5.482	ng	#	87
69) Atrazine	16.928	200	13880	6.203	ng		99
70) Pentachlorophenol	17.140	266	6406	3.696	ng		97
71) Phenanthrene	17.533	178	63482	5.505	ng		96
72) Anthracene	17.621	178	64258	5.637	ng		96
73) Carbazole	17.886	167	62415	5.528	ng		98
74) Di-n-butylphthalate	18.438	149	69642	5.646	ng		97
75) Fluoranthene	19.536	202	83497	5.704	ng		98
77) Benzidine	19.707	184	34510	5.899	ng		98
78) Pyrene	19.901	202	85145	5.411	ng		96
80) Butylbenzylphthalate	20.776	149	30495	5.463	ng		93
81) Benzo(a)anthracene	21.751	228	81579	5.371	ng		96
82) 3,3'-Dichlorobenzidine	21.657	252	28980	5.403	ng		99
83) Chrysene	21.822	228	74605	5.225	ng		97
84) Bis(2-ethylhexyl)phtha...	21.645	149	42001	5.533	ng		99
85) Di-n-octyl phthalate	22.885	149	68897	5.452	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.841	276	85522	5.660	ng	#	76
88) Benzo(b)fluoranthene	24.019	252	74346	5.424	ng		98
89) Benzo(k)fluoranthene	24.089	252	72108	5.347	ng	#	99
90) Benzo(a)pyrene	24.911	252	62344	5.373	ng		99
91) Dibenzo(a,h)anthracene	28.912	278	71947	5.778	ng		98
92) Benzo(g,h,i)perylene	30.028	276	70340	5.709	ng		97

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

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