Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122722\
Data File : BG056127.D
Acq On : 27 Dec 2022 15:36
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 28 04:52:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 04:51:15 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.340	152	43885	20.000	ng		0.00
21) Naphthalene-d8	11.166	136	166353	20.000	ng	#	0.00
39) Acenaphthene-d10	14.944	164	148054	20.000	ng		0.00
64) Phenanthrene-d10	17.676	188	400254	20.000	ng		0.00
76) Chrysene-d12	21.977	240	386697	20.000	ng		0.00
86) Perylene-d12	25.432	264	423911	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.855	112	25651	13.708	ng		0.00
7) Phenol-d6	7.465	99	38393	15.952	ng		0.00
23) Nitrobenzene-d5	9.509	82	33696	14.155	ng		0.00
42) 2,4,6-Tribromophenol	16.419	330	18409	5.157	ng		0.00
45) 2-Fluorobiphenyl	13.575	172	111446	10.557	ng		0.00
79) Terphenyl-d14	20.250	244	233668	10.680	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.675	88	5864	10.768	ng		94
3) Pyridine	4.104	79	16105m	8.986	ng		
4) n-Nitrosodimethylamine	3.998	42	3410	2.117	ng	#	80
6) Aniline	7.647	93	25063	8.698	ng	#	95
8) 2-Chlorophenol	7.894	128	12284	5.088	ng		90
9) Benzaldehyde	7.459	77	12816	8.479	ng	#	86
10) Phenol	7.494	94	19267	7.315	ng		94
11) bis(2-Chloroethyl)ether	7.741	93	13299	7.751	ng		87
12) 1,3-Dichlorobenzene	8.229	146	15590	4.992	ng		96
13) 1,4-Dichlorobenzene	8.375	146	15481	4.851	ng		94
14) 1,2-Dichlorobenzene	8.699	146	14904	4.886	ng		91
15) Benzyl Alcohol	8.569	79	13611	5.443	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.863	45	2648	1.186	ng		85
17) 2-Methylphenol	8.763	107	14076	6.792	ng		99
18) Hexachloroethane	9.439	117	4890	5.047	ng		87
19) n-Nitroso-di-n-propyla...	9.133	70	12240	7.095	ng	#	97
20) 3+4-Methylphenols	9.086	107	19349	6.542	ng		96
22) Acetophenone	9.163	105	23765	5.763	ng	#	93
24) Nitrobenzene	9.551	77	16968	7.082	ng		98
25) Isophorone	10.073	82	36097	7.231	ng		98
26) 2-Nitrophenol	10.267	139	8225	5.799	ng	#	88
27) 2,4-Dimethylphenol	10.309	122	14629	6.141	ng		96
28) bis(2-Chloroethoxy)met...	10.549	93	18736	8.493	ng		97
29) 2,4-Dichlorophenol	10.802	162	15830	4.682	ng		90
30) 1,2,4-Trichlorobenzene	11.025	180	19658	4.473	ng	#	80
31) Naphthalene	11.219	128	44689	5.091	ng		98
32) Benzoic acid	10.356	122	9389	5.109	ng		93
33) 4-Chloroaniline	11.319	127	21592	5.738	ng		96
34) Hexachlorobutadiene	11.495	225	14125	3.418	ng		89
35) Caprolactam	12.048	113	5819	6.177	ng		92
36) 4-Chloro-3-methylphenol	12.406	107	16799	5.299	ng		88
37) 2-Methylnaphthalene	12.800	142	38002	4.900	ng		97
38) 1-Methylnaphthalene	13.011	142	34315	4.542	ng		96
40) 1,2,4,5-Tetrachloroben...	13.152	216	28165	4.509	ng		97
41) Hexachlorocyclopentadiene	13.135	237	14209	4.010	ng		98
43) 2,4,6-Trichlorophenol	13.387	196	17396	4.705	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.458	196	21422	5.139	ng		98
46) 1,1'-Biphenyl	13.787	154	53840	5.365	ng		97
47) 2-Chloronaphthalene	13.834	162	42879	5.259	ng		98
48) 2-Nitroaniline	14.022	65	8493	6.226	ng		89
49) Acenaphthylene	14.674	152	69880	5.369	ng		98
50) Dimethylphthalate	14.380	163	61635	4.815	ng		96
51) 2,6-Dinitrotoluene	14.504	165	13056	6.591	ng		94
52) Acenaphthene	15.009	154	45016	5.152	ng		87
53) 3-Nitroaniline	14.833	138	12427	6.168	ng		86
54) 2,4-Dinitrophenol	15.038	184	7746	5.260	ng		92
55) Dibenzofuran	15.338	168	75416	5.133	ng		99
56) 4-Nitrophenol	15.121	139	9272	5.743	ng	#	81
57) 2,4-Dinitrotoluene	15.285	165	17276	5.778	ng	#	85
58) Fluorene	15.984	166	62138	5.173	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.555	232	19819	4.162	ng	#	97
60) Diethylphthalate	15.732	149	60456	4.832	ng		98
61) 4-Chlorophenyl-phenyle...	15.967	204	37424	4.574	ng		93
62) 4-Nitroaniline	15.984	138	12414	5.658	ng	#	80
63) Azobenzene	16.254	77	45417	5.964	ng		96
65) 4,6-Dinitro-2-methylph...	16.049	198	12452	6.512	ng		92
66) n-Nitrosodiphenylamine	16.172	169	55941	5.333	ng		97
67) 4-Bromophenyl-phenylether	16.860	248	25775	4.395	ng		93
68) Hexachlorobenzene	16.983	284	24520	3.394	ng		98
69) Atrazine	17.106	200	22878	4.817	ng		96
70) Pentachlorophenol	17.324	266	16090	3.896	ng		94
71) Phenanthrene	17.717	178	107017	5.102	ng		97
72) Anthracene	17.811	178	112676	5.430	ng		97
73) Carbazole	18.076	167	95566	5.584	ng		98
74) Di-n-butylphthalate	18.605	149	91401	4.592	ng	#	97
75) Fluoranthene	19.709	202	142324	4.846	ng		98
77) Benzidine	19.874	184	70659	10.405	ng		97
78) Pyrene	20.068	202	144698	6.184	ng		98
80) Butylbenzylphthalate	20.931	149	39215	5.914	ng		93
81) Benzo(a)anthracene	21.954	228	140036	5.146	ng		98
82) 3,3'-Dichlorobenzidine	21.854	252	49950	5.102	ng		93
83) Chrysene	22.024	228	130556	5.119	ng		98
84) Bis(2-ethylhexyl)phtha...	21.824	149	58785	5.967	ng		99
85) Di-n-octyl phthalate	23.111	149	96098	5.751	ng		99
87) Indeno(1,2,3-cd)pyrene	29.386	276	157054	4.607	ng	#	96
88) Benzo(b)fluoranthene	24.322	252	138844	5.061	ng		100
89) Benzo(k)fluoranthene	24.386	252	137773	5.033	ng		94
90) Benzo(a)pyrene	25.262	252	135341	5.836	ng	#	97
91) Dibenzo(a,h)anthracene	29.463	278	134554	4.716	ng	#	95
92) Benzo(g,h,i)perylene	30.638	276	128711	4.666	ng	#	93

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

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