Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
Data File : BG052585.D
Acq On : 7 Mar 2022 10:59
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 07 13:14:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 07 13:13:00 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	26419	20.000	ng		0.00
21) Naphthalene-d8	11.055	136	107821	20.000	ng	#	0.00
39) Acenaphthene-d10	14.867	164	74720	20.000	ng		0.00
64) Phenanthrene-d10	17.616	188	183350	20.000	ng		0.00
76) Chrysene-d12	21.928	240	208047	20.000	ng		0.00
86) Perylene-d12	25.394	264	214858	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	32320	21.322	ng		0.00
7) Phenol-d6	7.365	99	44209	18.902	ng		0.00
23) Nitrobenzene-d5	9.392	82	47949	19.328	ng		0.00
42) 2,4,6-Tribromophenol	16.353	330	19923	18.559	ng		0.00
45) 2-Fluorobiphenyl	13.487	172	113955	21.192	ng		0.00
79) Terphenyl-d14	20.207	244	239408	20.321	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	6996	10.023	ng		97
3) Pyridine	3.999	79	19571m	9.668	ng		
4) n-Nitrosodimethylamine	3.905	42	9272	8.870	ng	#	77
6) Aniline	7.530	93	25442	9.363	ng		98
8) 2-Chlorophenol	7.783	128	16972	10.178	ng		99
9) Benzaldehyde	7.342	77	14780	10.294	ng		96
10) Phenol	7.395	94	23377	10.060	ng		96
11) bis(2-Chloroethyl)ether	7.618	93	18162	10.225	ng		93
12) 1,3-Dichlorobenzene	8.112	146	20755	10.924	ng		99
13) 1,4-Dichlorobenzene	8.258	146	20287	10.474	ng		95
14) 1,2-Dichlorobenzene	8.581	146	20132	10.539	ng		95
15) Benzyl Alcohol	8.452	79	16979	8.747	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.740	45	23995	9.355	ng		98
17) 2-Methylphenol	8.664	107	14792	9.646	ng	#	85
18) Hexachloroethane	9.316	117	7355	10.921	ng		90
19) n-Nitroso-di-n-propyla...	9.022	70	15256	8.652	ng		98
20) 3+4-Methylphenols	8.993	107	19845	9.046	ng		94
22) Acetophenone	9.046	105	28048	9.843	ng	#	91
24) Nitrobenzene	9.433	77	22247	9.454	ng	#	88
25) Isophorone	9.962	82	38321	9.078	ng		94
26) 2-Nitrophenol	10.156	139	9235	9.259	ng		91
27) 2,4-Dimethylphenol	10.215	122	14219	9.628	ng		86
28) bis(2-Chloroethoxy)met...	10.438	93	24154	10.083	ng		99
29) 2,4-Dichlorophenol	10.702	162	16177	9.139	ng		90
30) 1,2,4-Trichlorobenzene	10.919	180	20834	10.079	ng		94
31) Naphthalene	11.107	128	56218	9.946	ng	#	95
33) 4-Chloroaniline	11.213	127	21201	8.984	ng		96
34) Hexachlorobutadiene	11.395	225	14650	10.495	ng	#	84
35) Caprolactam	11.953	113	5523	8.562	ng	#	84
36) 4-Chloro-3-methylphenol	12.329	107	17980	8.928	ng		98
37) 2-Methylnaphthalene	12.705	142	40791	9.716	ng		94
38) 1-Methylnaphthalene	12.923	142	39824	9.789	ng	#	93
40) 1,2,4,5-Tetrachloroben...	13.070	216	24916	10.138	ng		98
41) Hexachlorocyclopentadiene	13.052	237	5585	5.382	ng		92
43) 2,4,6-Trichlorophenol	13.310	196	14355	8.931	ng		97
44) 2,4,5-Trichlorophenol	13.387	196	16048	9.213	ng	#	85

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.698	154	56380	10.290	ng		95
47) 2-Chloronaphthalene	13.745	162	44423	10.524	ng		97
48) 2-Nitroaniline	13.939	65	13034	8.673	ng		96
49) Acenaphthylene	14.585	152	69342	10.091	ng		99
50) Dimethylphthalate	14.303	163	57592	10.062	ng	#	98
51) 2,6-Dinitrotoluene	14.427	165	11921	9.651	ng		95
52) Acenaphthene	14.932	154	43955m	9.767	ng		
53) 3-Nitroaniline	14.761	138	13022	10.143	ng		93
54) 2,4-Dinitrophenol	14.985	184	2857	4.266	ng	#	85
55) Dibenzofuran	15.261	168	73000	10.315	ng		98
56) 4-Nitrophenol	15.090	139	7728	8.015	ng	#	76
57) 2,4-Dinitrotoluene	15.214	165	16616	9.451	ng	#	90
58) Fluorene	15.907	166	57874	10.244	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.490	232	14627	8.790	ng	#	95
60) Diethylphthalate	15.654	149	59975	10.372	ng		97
61) 4-Chlorophenyl-phenyle...	15.895	204	32983	10.249	ng		97
62) 4-Nitroaniline	15.919	138	13609	10.069	ng		86
63) Azobenzene	16.189	77	59028	9.972	ng		92
65) 4,6-Dinitro-2-methylph...	15.989	198	9412	8.533	ng		87
66) n-Nitrosodiphenylamine	16.107	169	51670	10.228	ng		97
67) 4-Bromophenyl-phenylether	16.788	248	21571	9.674	ng		98
68) Hexachlorobenzene	16.923	284	25137	10.394	ng		94
69) Atrazine	17.047	200	20460	10.018	ng		94
70) Pentachlorophenol	17.276	266	7447	6.294	ng		90
71) Phenanthrene	17.657	178	98579	10.430	ng		96
72) Anthracene	17.746	178	97981	10.579	ng		98
73) Carbazole	18.016	167	97817	10.828	ng		96
74) Di-n-butylphthalate	18.556	149	105573	10.726	ng		99
75) Fluoranthene	19.661	202	130635	10.854	ng		98
77) Benzidine	19.831	184	47471	10.678	ng		98
78) Pyrene	20.019	202	134264	9.645	ng		98
80) Butylbenzylphthalate	20.888	149	48402	10.009	ng		97
81) Benzo(a)anthracene	21.905	228	140696	10.220	ng		99
82) 3,3'-Dichlorobenzidine	21.811	252	46592	9.694	ng		98
83) Chrysene	21.981	228	135225	10.365	ng		94
84) Bis(2-ethylhexyl)phtha...	21.787	149	68058	10.150	ng		97
85) Di-n-octyl phthalate	23.074	149	113654	10.110	ng		96
87) Indeno(1,2,3-cd)pyrene	29.383	276	155078	9.863	ng	#	98
88) Benzo(b)fluoranthene	24.290	252	132718	9.912	ng		95
89) Benzo(k)fluoranthene	24.354	252	135647	10.256	ng		98
90) Benzo(a)pyrene	25.224	252	112079	9.910	ng		95
91) Dibenzo(a,h)anthracene	29.441	278	127878	9.846	ng		100
92) Benzo(g,h,i)perylene	30.640	276	126008	9.886	ng	#	95

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

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