Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053255.D
Acq On : 22 Apr 2022 11:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 24 01:14:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

04/25/2022
Supervised By :Jagrut Upadhyay

04/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.113	152	29898	20.000	ng		0.00
21) Naphthalene-d8	10.921	136	117323	20.000	ng	#	0.00
39) Acenaphthene-d10	14.734	164	84322	20.000	ng		0.00
64) Phenanthrene-d10	17.483	188	195413	20.000	ng	#	0.00
76) Chrysene-d12	21.766	240	184209	20.000	ng	#	0.00
86) Perylene-d12	25.061	264	195179	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.676	112	148556	85.174	ng		0.00
7) Phenol-d6	7.273	99	226667	84.273	ng		0.00
23) Nitrobenzene-d5	9.277	82	237766	82.287	ng		0.00
42) 2,4,6-Tribromophenol	16.226	330	110388	82.285	ng		0.00
45) 2-Fluorobiphenyl	13.359	172	521174	85.227	ng		0.00
79) Terphenyl-d14	20.086	244	881364	80.807	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.555	88	32134	38.579	ng		95
3) Pyridine	3.960	79	89725	40.843	ng	#	92
4) n-Nitrosodimethylamine	3.866	42	44138	40.573	ng		89
6) Aniline	7.432	93	128854	41.337	ng		97
8) 2-Chlorophenol	7.679	128	78980	41.945	ng		91
9) Benzaldehyde	7.244	77	64467m	40.098	ng		
10) Phenol	7.297	94	114083	42.611	ng		88
11) bis(2-Chloroethyl)ether	7.526	93	80298	41.607	ng		98
12) 1,3-Dichlorobenzene	8.002	146	93631m	42.792	ng		
13) 1,4-Dichlorobenzene	8.149	146	96100	43.081	ng		95
14) 1,2-Dichlorobenzene	8.472	146	88622	41.199	ng		99
15) Benzyl Alcohol	8.343	79	95144	39.797	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.636	45	131909	40.939	ng		99
17) 2-Methylphenol	8.554	107	73805	40.737	ng		93
18) Hexachloroethane	9.200	117	35800	42.798	ng		92
19) n-Nitroso-di-n-propyla...	8.912	70	79962	40.608	ng	#	95
20) 3+4-Methylphenols	8.883	107	106781	41.751	ng		94
22) Acetophenone	8.930	105	136928	42.069	ng		98
24) Nitrobenzene	9.318	77	113013	40.211	ng		93
25) Isophorone	9.841	82	195579	39.822	ng		99
26) 2-Nitrophenol	10.029	139	48279	41.080	ng		91
27) 2,4-Dimethylphenol	10.087	122	69317	41.183	ng		92
28) bis(2-Chloroethoxy)met...	10.316	93	109369	39.638	ng		97
29) 2,4-Dichlorophenol	10.575	162	87790	41.489	ng		98
30) 1,2,4-Trichlorobenzene	10.786	180	101315	42.305	ng		97
31) Naphthalene	10.974	128	261460	41.771	ng		99
32) Benzoic acid	10.234	122	44552m	41.225	ng		
33) 4-Chloroaniline	11.074	127	109169	40.727	ng		96
34) Hexachlorobutadiene	11.262	225	75060	42.193	ng		98
35) Caprolactam	11.850	113	27648	37.069	ng	#	82
36) 4-Chloro-3-methylphenol	12.196	107	100602	40.838	ng		95
37) 2-Methylnaphthalene	12.572	142	187803	40.548	ng	#	91
38) 1-Methylnaphthalene	12.790	142	183945	40.687	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.942	216	123029	42.959	ng		99
41) Hexachlorocyclopentadiene	12.919	237	55650	37.642	ng		91
43) 2,4,6-Trichlorophenol	13.177	196	83734	42.407	ng		98

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44) 2,4,5-Trichlorophenol	13.254	196	87462	41.567	ng		97
46) 1,1'-Biphenyl	13.571	154	256260	42.201	ng		98
47) 2-Chloronaphthalene	13.618	162	201453	41.583	ng		98
48) 2-Nitroaniline	13.812	65	74950	40.766	ng		91
49) Acenaphthylene	14.458	152	322223	42.488	ng		99
50) Dimethylphthalate	14.182	163	272606	40.420	ng		99
51) 2,6-Dinitrotoluene	14.305	165	57205	40.657	ng		90
52) Acenaphthene	14.799	154	211648m	41.153	ng		
53) 3-Nitroaniline	14.634	138	61591	41.398	ng		93
54) 2,4-Dinitrophenol	14.846	184	30870	34.482	ng	#	79
55) Dibenzofuran	15.133	168	336776	41.820	ng		99
56) 4-Nitrophenol	14.945	139	46093	40.622	ng		85
57) 2,4-Dinitrotoluene	15.092	165	79631	39.753	ng	#	93
58) Fluorene	15.780	166	266470	40.969	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.362	232	81405	39.839	ng		99
60) Diethylphthalate	15.539	149	273444	38.696	ng		99
61) 4-Chlorophenyl-phenyle...	15.768	204	149955	40.671	ng		98
62) 4-Nitroaniline	15.797	138	64968	41.383	ng	#	83
63) Azobenzene	16.062	77	285242	40.037	ng		98
65) 4,6-Dinitro-2-methylph...	15.862	198	53738	39.416	ng		95
66) n-Nitrosodiphenylamine	15.985	169	240076	42.722	ng		99
67) 4-Bromophenyl-phenylether	16.661	248	103082	41.168	ng		95
68) Hexachlorobenzene	16.790	284	111205	41.010	ng		93
69) Atrazine	16.925	200	84611	38.546	ng		98
70) Pentachlorophenol	17.137	266	60591	40.885	ng		89
71) Phenanthrene	17.524	178	439072	41.135	ng		97
72) Anthracene	17.612	178	431552	40.811	ng		99
73) Carbazole	17.883	167	425038	41.350	ng		99
74) Di-n-butylphthalate	18.429	149	461302	39.570	ng		98
75) Fluoranthene	19.527	202	532415	38.913	ng		99
77) Benzidine	19.704	184	229302	43.629	ng		99
78) Pyrene	19.892	202	532755	40.608	ng		99
80) Butylbenzylphthalate	20.767	149	195234	39.916	ng		97
81) Benzo(a)anthracene	21.748	228	513582	40.777	ng		99
82) 3,3'-Dichlorobenzidine	21.654	252	189333	40.875	ng		97
83) Chrysene	21.813	228	480626	41.118	ng		99
84) Bis(2-ethylhexyl)phtha...	21.636	149	270657	40.938	ng		100
85) Di-n-octyl phthalate	22.870	149	459132	41.524	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.850	276	583116	40.213	ng	#	97
88) Benzo(b)fluoranthene	24.021	252	491253	39.892	ng		99
89) Benzo(k)fluoranthene	24.086	252	488651	40.374	ng		96
90) Benzo(a)pyrene	24.914	252	428080	40.805	ng		96
91) Dibenzo(a,h)anthracene	28.903	278	485650	40.692	ng		96
92) Benzo(g,h,i)perylene	30.037	276	473282	40.233	ng		97

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

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