Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
Data File : BG052620.D
Acq On : 9 Mar 2022 20:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 10 02:59:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 02:54:10 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.172	152	32798	20.000	ng		0.00
21) Naphthalene-d8	11.010	136	125880	20.000	ng		0.00
39) Acenaphthene-d10	14.828	164	87687	20.000	ng		0.00
64) Phenanthrene-d10	17.577	188	206431	20.000	ng		0.00
76) Chrysene-d12	21.883	240	202608	20.000	ng		0.00
86) Perylene-d12	25.308	264	214692	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	183162	95.144	ng		0.00
7) Phenol-d6	7.326	99	265379	98.105	ng		0.00
23) Nitrobenzene-d5	9.347	82	271278	98.247	ng		0.00
42) 2,4,6-Tribromophenol	16.314	330	124899	99.109	ng		0.00
45) 2-Fluorobiphenyl	13.448	172	624594	98.220	ng		0.00
79) Terphenyl-d14	20.174	244	1085238	95.920	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.514	88	41192	47.221	ng		100
3) Pyridine	3.931	79	115526	49.013	ng		97
4) n-Nitrosodimethylamine	3.837	42	50858	45.249	ng		99
6) Aniline	7.485	93	150077	47.848	ng		98
8) 2-Chlorophenol	7.732	128	95138	47.071	ng		99
9) Benzaldehyde	7.291	77	68979	42.513	ng		94
10) Phenol	7.350	94	129017	47.863	ng		96
11) bis(2-Chloroethyl)ether	7.579	93	97502	46.875	ng		98
12) 1,3-Dichlorobenzene	8.061	146	112260	47.159	ng		100
13) 1,4-Dichlorobenzene	8.208	146	115628	48.210	ng		99
14) 1,2-Dichlorobenzene	8.537	146	109863	47.024	ng		98
15) Benzyl Alcohol	8.407	79	102888	48.796	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.701	45	129729	46.278	ng		99
17) 2-Methylphenol	8.619	107	86473	48.343	ng		96
18) Hexachloroethane	9.271	117	39957	47.327	ng		99
19) n-Nitroso-di-n-propyla...	8.983	70	88117	47.844	ng		95
20) 3+4-Methylphenols	8.948	107	121569	49.722	ng		97
22) Acetophenone	9.001	105	158531	48.839	ng	#	97
24) Nitrobenzene	9.394	77	126033	48.254	ng		98
25) Isophorone	9.917	82	230546	49.504	ng		99
26) 2-Nitrophenol	10.111	139	59916	51.300	ng		93
27) 2,4-Dimethylphenol	10.164	122	86293	51.191	ng		99
28) bis(2-Chloroethoxy)met...	10.393	93	133981	47.924	ng		99
29) 2,4-Dichlorophenol	10.657	162	102492	51.466	ng		98
30) 1,2,4-Trichlorobenzene	10.875	180	120448	49.395	ng		98
31) Naphthalene	11.063	128	323160	48.935	ng		99
32) Benzoic acid	10.340	122	38571m	56.360	ng		
33) 4-Chloroaniline	11.162	127	133579	49.984	ng		96
34) Hexachlorobutadiene	11.350	225	79204	47.509	ng		98
35) Caprolactam	11.932	113	35826	50.603	ng	#	83
36) 4-Chloro-3-methylphenol	12.284	107	113334	51.094	ng		98
37) 2-Methylnaphthalene	12.660	142	236132	49.037	ng		98
38) 1-Methylnaphthalene	12.878	142	228509	48.703	ng		95
40) 1,2,4,5-Tetrachloroben...	13.030	216	143466	49.318	ng		98
41) Hexachlorocyclopentadiene	13.007	237	69562	63.253	ng		92
43) 2,4,6-Trichlorophenol	13.265	196	93234	51.412	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.342	196	101591	51.875	ng		99
46) 1,1'-Biphenyl	13.659	154	318361	49.261	ng		98
47) 2-Chloronaphthalene	13.706	162	246479	49.228	ng		98
48) 2-Nitroaniline	13.900	65	82741	50.292	ng		97
49) Acenaphthylene	14.552	152	397674	49.406	ng		99
50) Dimethylphthalate	14.270	163	324459	48.045	ng		99
51) 2,6-Dinitrotoluene	14.393	165	72286	49.314	ng		97
52) Acenaphthene	14.893	154	238955	45.705	ng		98
53) 3-Nitroaniline	14.722	138	75167	48.567	ng		100
54) 2,4-Dinitrophenol	14.934	184	40057	54.752	ng		95
55) Dibenzofuran	15.222	168	402512	48.705	ng		99
56) 4-Nitrophenol	15.039	139	54772	52.044	ng		95
57) 2,4-Dinitrotoluene	15.180	165	102980	49.670	ng		96
58) Fluorene	15.874	166	324066	48.463	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.451	232	93681	50.032	ng		98
60) Diethylphthalate	15.627	149	328262	47.638	ng		99
61) 4-Chlorophenyl-phenyle...	15.856	204	182829	48.732	ng		97
62) 4-Nitroaniline	15.891	138	79282	49.144	ng		98
63) Azobenzene	16.150	77	314411	46.740	ng		98
65) 4,6-Dinitro-2-methylph...	15.950	198	68859	54.600	ng		97
66) n-Nitrosodiphenylamine	16.073	169	284149	49.562	ng		99
67) 4-Bromophenyl-phenylether	16.755	248	122974	49.292	ng		97
68) Hexachlorobenzene	16.884	284	132532	49.137	ng		94
69) Atrazine	17.013	200	102725	47.016	ng		95
70) Pentachlorophenol	17.231	266	68711	54.796	ng		98
71) Phenanthrene	17.618	178	531074	49.497	ng		98
72) Anthracene	17.712	178	515981	48.729	ng		99
73) Carbazole	17.977	167	507727	48.772	ng		100
74) Di-n-butylphthalate	18.517	149	561119	48.371	ng		98
75) Fluoranthene	19.627	202	651076	47.071	ng		100
77) Benzidine	19.792	184	174986	40.391	ng		97
78) Pyrene	19.986	202	660493	49.492	ng		99
80) Butylbenzylphthalate	20.855	149	248190	50.108	ng		99
81) Benzo(a)anthracene	21.866	228	652082	48.381	ng		99
82) 3,3'-Dichlorobenzidine	21.766	252	234242	49.045	ng		98
83) Chrysene	21.936	228	616374	48.179	ng		100
84) Bis(2-ethylhexyl)phtha...	21.742	149	346623	50.187	ng		99
85) Di-n-octyl phthalate	23.017	149	576592	50.055	ng		99
87) Indeno(1,2,3-cd)pyrene	29.256	276	748852	47.781	ng	#	91
88) Benzo(b)fluoranthene	24.215	252	655275	48.691	ng		99
89) Benzo(k)fluoranthene	24.286	252	639954	47.868	ng		98
90) Benzo(a)pyrene	25.149	252	555247	49.045	ng		97
91) Dibenzo(a,h)anthracene	29.320	278	614503	47.590	ng		97
92) Benzo(g,h,i)perylene	30.501	276	606103	47.621	ng		97

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

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