Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042522\
Data File : BG053305.D
Acq On : 25 Apr 2022 12:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 25 18:24:59 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 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.108	152	27053	20.000	ng		# 0.00
21) Naphthalene-d8	10.922	136	115538	20.000	ng		# 0.00
39) Acenaphthene-d10	14.734	164	94886	20.000	ng		0.00
64) Phenanthrene-d10	17.478	188	228645	20.000	ng		0.00
76) Chrysene-d12	21.766	240	195372	20.000	ng		0.00
86) Perylene-d12	25.061	264	201686	20.000	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	139958	88.683	ng		0.00
7) Phenol-d6	7.268	99	224753	92.349	ng		0.00
23) Nitrobenzene-d5	9.271	82	233687	82.124	ng		0.00
42) 2,4,6-Tribromophenol	16.220	330	123269	81.657	ng		0.00
45) 2-Fluorobiphenyl	13.354	172	547688	79.591	ng		0.00
79) Terphenyl-d14	20.080	244	985788	85.217	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.549	88	29843	39.597	ng		95
3) Pyridine	3.949	79	86275	43.403	ng	#	85
4) n-Nitrosodimethylamine	3.861	42	40846	41.495	ng		83
6) Aniline	7.427	93	128313	45.493	ng		96
8) 2-Chlorophenol	7.673	128	75261	44.173	ng		97
9) Benzaldehyde	7.239	77	60054m	41.281	ng		
10) Phenol	7.297	94	110395	45.570	ng		91
11) bis(2-Chloroethyl)ether	7.521	93	79819	45.708	ng		97
12) 1,3-Dichlorobenzene	7.996	146	86007	43.442	ng		98
13) 1,4-Dichlorobenzene	8.143	146	88202	43.699	ng		94
14) 1,2-Dichlorobenzene	8.460	146	86316	44.347	ng		97
15) Benzyl Alcohol	8.343	79	92860	42.927	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.637	45	126317	43.326	ng		99
17) 2-Methylphenol	8.549	107	73967	45.120	ng		95
18) Hexachloroethane	9.195	117	32237	42.591	ng		96
19) n-Nitroso-di-n-propyla...	8.907	70	79935	44.863	ng	#	94
20) 3+4-Methylphenols	8.877	107	106622	46.073	ng		95
22) Acetophenone	8.930	105	137533	42.907	ng	#	95
24) Nitrobenzene	9.312	77	115404	41.696	ng		91
25) Isophorone	9.835	82	207589	42.921	ng	#	97
26) 2-Nitrophenol	10.029	139	49348	42.638	ng		91
27) 2,4-Dimethylphenol	10.088	122	71710	43.263	ng		93
28) bis(2-Chloroethoxy)met...	10.311	93	115186	42.392	ng		98
29) 2,4-Dichlorophenol	10.569	162	90804	43.577	ng		98
30) 1,2,4-Trichlorobenzene	10.781	180	99017	41.985	ng		96
31) Naphthalene	10.969	128	262826	42.638	ng		99
32) Benzoic acid	10.240	122	42725	40.241	ng	#	89
33) 4-Chloroaniline	11.075	127	118189	44.773	ng		97
34) Hexachlorobutadiene	11.257	225	72159	41.189	ng		98
35) Caprolactam	11.850	113	33120	45.092	ng	#	77
36) 4-Chloro-3-methylphenol	12.197	107	106644	43.960	ng		93
37) 2-Methylnaphthalene	12.567	142	196580	43.098	ng		97
38) 1-Methylnaphthalene	12.784	142	192542	43.246	ng		94
40) 1,2,4,5-Tetrachloroben...	12.937	216	125413	38.916	ng		100
41) Hexachlorocyclopentadiene	12.913	237	57719	34.695	ng		95
43) 2,4,6-Trichlorophenol	13.172	196	87838	39.533	ng		98

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44) 2,4,5-Trichlorophenol	13.254	196	92471	39.055	ng		94
46) 1,1'-Biphenyl	13.565	154	274777	40.213	ng		98
47) 2-Chloronaphthalene	13.612	162	216576	39.727	ng		97
48) 2-Nitroaniline	13.812	65	83340	40.283	ng		96
49) Acenaphthylene	14.458	152	351753	41.218	ng		99
50) Dimethylphthalate	14.182	163	306731	40.416	ng		100
51) 2,6-Dinitrotoluene	14.300	165	63341	40.006	ng	#	83
52) Acenaphthene	14.799	154	236379m	40.845	ng		
53) 3-Nitroaniline	14.634	138	68932	41.174	ng		90
54) 2,4-Dinitrophenol	14.846	184	40099	39.804	ng	#	89
55) Dibenzofuran	15.128	168	369682	40.795	ng		98
56) 4-Nitrophenol	14.952	139	51139	40.051	ng		88
57) 2,4-Dinitrotoluene	15.093	165	93997	41.700	ng		93
58) Fluorene	15.780	166	298647	40.804	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.357	232	91643	39.856	ng		98
60) Diethylphthalate	15.539	149	320469	40.302	ng		99
61) 4-Chlorophenyl-phenyle...	15.762	204	166416	40.110	ng		98
62) 4-Nitroaniline	15.798	138	73776	41.761	ng	#	82
63) Azobenzene	16.056	77	325427	40.592	ng		98
65) 4,6-Dinitro-2-methylph...	15.856	198	65284	40.925	ng		96
66) n-Nitrosodiphenylamine	15.980	169	268794	40.881	ng		99
67) 4-Bromophenyl-phenylether	16.661	248	120561	41.151	ng		98
68) Hexachlorobenzene	16.790	284	128786	40.591	ng		96
69) Atrazine	16.925	200	99750	38.838	ng		98
70) Pentachlorophenol	17.137	266	67690	39.037	ng		93
71) Phenanthrene	17.519	178	509300	40.780	ng		99
72) Anthracene	17.613	178	501326	40.519	ng		99
73) Carbazole	17.877	167	486347	40.438	ng		99
74) Di-n-butylphthalate	18.423	149	545942	40.024	ng		98
75) Fluoranthene	19.528	202	606573	37.890	ng		99
77) Benzidine	19.698	184	220462	39.550	ng		99
78) Pyrene	19.892	202	602919	43.331	ng		99
80) Butylbenzylphthalate	20.761	149	217617	41.950	ng		98
81) Benzo(a)anthracene	21.742	228	544870	40.789	ng		99
82) 3,3'-Dichlorobenzidine	21.654	252	196203	39.938	ng		100
83) Chrysene	21.813	228	508644	41.029	ng		99
84) Bis(2-ethylhexyl)phtha...	21.631	149	292738	41.748	ng	#	99
85) Di-n-octyl phthalate	22.864	149	481449	41.054	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.850	276	614764	41.028	ng		98
88) Benzo(b)fluoranthene	24.016	252	517683	40.682	ng		97
89) Benzo(k)fluoranthene	24.086	252	499242	39.919	ng		99
90) Benzo(a)pyrene	24.909	252	436619	40.276	ng		100
91) Dibenzo(a,h)anthracene	28.903	278	507888	41.182	ng		96
92) Benzo(g,h,i)perylene	30.031	276	494929	40.716	ng		99

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

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