Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
Data File : BG053360.D
Acq On : 28 Apr 2022 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 29 03:20:50 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 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	31974	20.000	ng		0.00
21) Naphthalene-d8	10.913	136	130382	20.000	ng		0.00
39) Acenaphthene-d10	14.725	164	101370	20.000	ng		0.00
64) Phenanthrene-d10	17.474	188	244950	20.000	ng		0.00
76) Chrysene-d12	21.763	240	236758	20.000	ng		0.00
86) Perylene-d12	25.052	264	249301	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.667	112	160425	86.007	ng		0.00
7) Phenol-d6	7.265	99	247880	86.176	ng		0.00
23) Nitrobenzene-d5	9.268	82	265693	82.742	ng		0.00
42) 2,4,6-Tribromophenol	16.217	330	129737	80.444	ng		0.00
45) 2-Fluorobiphenyl	13.350	172	588694	80.078	ng		0.00
79) Terphenyl-d14	20.077	244	1090244	77.772	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.552	88	38993	43.774	ng		97
3) Pyridine	3.951	79	106307	45.249	ng		93
4) n-Nitrosodimethylamine	3.857	42	51087	43.911	ng		85
6) Aniline	7.423	93	140887	42.263	ng		97
8) 2-Chlorophenol	7.670	128	83514	41.473	ng		91
9) Benzaldehyde	7.235	77	71933m	41.837	ng		
10) Phenol	7.294	94	124545	43.499	ng		93
11) bis(2-Chloroethyl)ether	7.517	93	91847	44.501	ng		92
12) 1,3-Dichlorobenzene	7.993	146	98151m	41.945	ng		
13) 1,4-Dichlorobenzene	8.140	146	98097	41.121	ng		96
14) 1,2-Dichlorobenzene	8.457	146	94933	41.267	ng		97
15) Benzyl Alcohol	8.340	79	110419	43.188	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.622	45	142602	41.384	ng		99
17) 2-Methylphenol	8.545	107	83318	43.002	ng		94
18) Hexachloroethane	9.191	117	37166	41.546	ng		100
19) n-Nitroso-di-n-propyla...	8.903	70	89875	42.679	ng		98
20) 3+4-Methylphenols	8.874	107	119860	43.822	ng		93
22) Acetophenone	8.921	105	152844	42.255	ng		98
24) Nitrobenzene	9.309	77	128311	41.081	ng		92
25) Isophorone	9.832	82	231725	42.457	ng		97
26) 2-Nitrophenol	10.020	139	55860	42.770	ng		94
27) 2,4-Dimethylphenol	10.078	122	80128	42.838	ng		93
28) bis(2-Chloroethoxy)met...	10.307	93	129252	42.153	ng		99
29) 2,4-Dichlorophenol	10.560	162	100265	42.639	ng		96
30) 1,2,4-Trichlorobenzene	10.777	180	110518	41.526	ng		93
31) Naphthalene	10.965	128	288237	41.436	ng		98
32) Benzoic acid	10.249	122	51266	42.558	ng		92
33) 4-Chloroaniline	11.071	127	124806	41.897	ng		97
34) Hexachlorobutadiene	11.247	225	80441	40.689	ng		98
35) Caprolactam	11.847	113	35107	42.356	ng	#	82
36) 4-Chloro-3-methylphenol	12.193	107	116780	42.658	ng		92
37) 2-Methylnaphthalene	12.563	142	212739	41.331	ng		95
38) 1-Methylnaphthalene	12.781	142	207600	41.320	ng		94
40) 1,2,4,5-Tetrachloroben...	12.927	216	138208	40.143	ng		99
41) Hexachlorocyclopentadiene	12.910	237	71489	40.224	ng		96
43) 2,4,6-Trichlorophenol	13.168	196	96644	40.714	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	102944	40.697	ng		96
46) 1,1'-Biphenyl	13.562	154	293619	40.222	ng		99
47) 2-Chloronaphthalene	13.609	162	229835	39.463	ng		96
48) 2-Nitroaniline	13.809	65	92692	41.938	ng		94
49) Acenaphthylene	14.455	152	371722	40.772	ng		98
50) Dimethylphthalate	14.179	163	330590	40.774	ng		100
51) 2,6-Dinitrotoluene	14.296	165	69721	41.219	ng	#	83
52) Acenaphthene	14.790	154	249960m	40.429	ng		
53) 3-Nitroaniline	14.631	138	74472	41.638	ng	#	93
54) 2,4-Dinitrophenol	14.837	184	43897	40.787	ng	#	91
55) Dibenzofuran	15.124	168	393297	40.625	ng		100
56) 4-Nitrophenol	14.942	139	55282	40.527	ng	#	82
57) 2,4-Dinitrotoluene	15.089	165	101331	42.079	ng		91
58) Fluorene	15.777	166	317858	40.651	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.354	232	98463	40.083	ng		97
60) Diethylphthalate	15.536	149	340293	40.058	ng		98
61) 4-Chlorophenyl-phenyle...	15.759	204	180306	40.678	ng		96
62) 4-Nitroaniline	15.794	138	78115	41.389	ng	#	75
63) Azobenzene	16.053	77	343252	40.076	ng		98
65) 4,6-Dinitro-2-methylph...	15.853	198	70090	41.014	ng		94
66) n-Nitrosodiphenylamine	15.976	169	283632	40.266	ng		99
67) 4-Bromophenyl-phenylether	16.658	248	128388	40.905	ng		98
68) Hexachlorobenzene	16.787	284	138176	40.652	ng		97
69) Atrazine	16.922	200	105562	38.365	ng		94
70) Pentachlorophenol	17.128	266	74401	40.051	ng		91
71) Phenanthrene	17.515	178	540080	40.366	ng		98
72) Anthracene	17.609	178	531313	40.084	ng		99
73) Carbazole	17.874	167	517341	40.151	ng		99
74) Di-n-butylphthalate	18.420	149	586544	40.138	ng		99
75) Fluoranthene	19.524	202	679943	39.646	ng		100
77) Benzidine	19.695	184	261385	38.695	ng		100
78) Pyrene	19.889	202	671285	39.811	ng		99
80) Butylbenzylphthalate	20.758	149	256759	40.844	ng		99
81) Benzo(a)anthracene	21.739	228	657367	40.609	ng		99
82) 3,3'-Dichlorobenzidine	21.651	252	238714	40.098	ng		98
83) Chrysene	21.810	228	605538	40.306	ng		99
84) Bis(2-ethylhexyl)phtha...	21.627	149	355911	41.885	ng		99
85) Di-n-octyl phthalate	22.861	149	593645	41.772	ng		96
87) Indeno(1,2,3-cd)pyrene	28.841	276	759786	41.021	ng	#	97
88) Benzo(b)fluoranthene	24.007	252	650745	41.371	ng		99
89) Benzo(k)fluoranthene	24.077	252	620709	40.152	ng		98
90) Benzo(a)pyrene	24.899	252	547761	40.877	ng		96
91) Dibenzo(a,h)anthracene	28.894	278	610812	40.068	ng		98
92) Benzo(g,h,i)perylene	30.022	276	613871	40.856	ng		99

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

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