Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051222\
Data File : BG053528.D
Acq On : 12 May 2022 9:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 13 06:35:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	23195	20.000	ng		0.00
21) Naphthalene-d8	10.896	136	101815	20.000	ng		0.00
39) Acenaphthene-d10	14.708	164	82292	20.000	ng		0.00
64) Phenanthrene-d10	17.457	188	204674	20.000	ng		0.00
76) Chrysene-d12	21.740	240	198449	20.000	ng		0.00
86) Perylene-d12	25.018	264	213930	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.650	112	109285	79.962	ng		0.00
7) Phenol-d6	7.248	99	174059	83.916	ng		0.00
23) Nitrobenzene-d5	9.251	82	192452	80.463	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	100481	82.788	ng		0.00
45) 2-Fluorobiphenyl	13.334	172	447904	79.535	ng		0.00
79) Terphenyl-d14	20.060	244	857800	80.506	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	28244	39.387	ng		99
3) Pyridine	3.929	79	72247	41.254	ng		94
4) n-Nitrosodimethylamine	3.846	42	34431	40.360	ng	#	97
6) Aniline	7.406	93	97476	42.430	ng		96
8) 2-Chlorophenol	7.653	128	56751	39.720	ng		96
9) Benzaldehyde	7.218	77	52737m	40.022	ng		
10) Phenol	7.277	94	83988	41.401	ng		96
11) bis(2-Chloroethyl)ether	7.500	93	61789	40.840	ng		91
12) 1,3-Dichlorobenzene	7.976	146	66931	39.709	ng		91
13) 1,4-Dichlorobenzene	8.123	146	67853	39.893	ng		98
14) 1,2-Dichlorobenzene	8.440	146	65509	41.015	ng		97
15) Benzyl Alcohol	8.323	79	75378	43.468	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.610	45	105656	42.907	ng		98
17) 2-Methylphenol	8.528	107	58391	42.586	ng		96
18) Hexachloroethane	9.169	117	24728	38.284	ng		97
19) n-Nitroso-di-n-propyla...	8.887	70	63489	42.661	ng		94
20) 3+4-Methylphenols	8.857	107	81103	41.882	ng		97
22) Acetophenone	8.904	105	108352	38.884	ng	#	97
24) Nitrobenzene	9.292	77	91867	39.684	ng		97
25) Isophorone	9.815	82	167627	41.643	ng		100
26) 2-Nitrophenol	10.009	139	38617	41.187	ng		98
27) 2,4-Dimethylphenol	10.061	122	57528	40.770	ng		93
28) bis(2-Chloroethoxy)met...	10.291	93	92641	40.016	ng		98
29) 2,4-Dichlorophenol	10.549	162	71655	42.076	ng		88
30) 1,2,4-Trichlorobenzene	10.761	180	77926	40.274	ng		97
31) Naphthalene	10.948	128	204621	39.509	ng		98
32) Benzoic acid	10.232	122	28013m	34.631	ng		
33) 4-Chloroaniline	11.054	127	89634	41.326	ng		97
34) Hexachlorobutadiene	11.230	225	58203	40.566	ng		95
35) Caprolactam	11.824	113	25230	40.769	ng	#	88
36) 4-Chloro-3-methylphenol	12.176	107	85915	42.176	ng		100
37) 2-Methylnaphthalene	12.546	142	157732	40.810	ng		97
38) 1-Methylnaphthalene	12.764	142	153058m	40.589	ng		
40) 1,2,4,5-Tetrachloroben...	12.916	216	103980	40.086	ng		99
41) Hexachlorocyclopentadiene	12.893	237	31738	35.557	ng		92
43) 2,4,6-Trichlorophenol	13.151	196	70235	41.481	ng		98

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44) 2,4,5-Trichlorophenol	13.234	196	73694	40.894	ng		97
46) 1,1'-Biphenyl	13.545	154	221388	39.468	ng		97
47) 2-Chloronaphthalene	13.592	162	171726	39.075	ng		99
48) 2-Nitroaniline	13.792	65	69360	42.355	ng		96
49) Acenaphthylene	14.438	152	280916	40.057	ng		99
50) Dimethylphthalate	14.162	163	248450	39.730	ng		99
51) 2,6-Dinitrotoluene	14.279	165	51420	40.360	ng		97
52) Acenaphthene	14.779	154	166862	39.925	ng		96
53) 3-Nitroaniline	14.614	138	56609	41.123	ng		97
54) 2,4-Dinitrophenol	14.831	184	27691	37.813	ng		91
55) Dibenzofuran	15.108	168	299872	39.946	ng		98
56) 4-Nitrophenol	14.931	139	40758	41.454	ng		92
57) 2,4-Dinitrotoluene	15.072	165	74516	40.351	ng	#	83
58) Fluorene	15.760	166	242337	40.227	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.337	232	73241	40.057	ng		96
60) Diethylphthalate	15.519	149	260053	40.258	ng		98
61) 4-Chlorophenyl-phenyle...	15.742	204	137007	40.757	ng		99
62) 4-Nitroaniline	15.777	138	58929	41.273	ng		96
63) Azobenzene	16.036	77	274411	41.485	ng		98
65) 4,6-Dinitro-2-methylph...	15.842	198	51129	41.923	ng		100
66) n-Nitrosodiphenylamine	15.959	169	218499	40.660	ng		97
67) 4-Bromophenyl-phenylether	16.641	248	98130	41.052	ng		96
68) Hexachlorobenzene	16.770	284	104818	40.039	ng		98
69) Atrazine	16.899	200	88409	39.080	ng		97
70) Pentachlorophenol	17.117	266	51521	39.070	ng		94
71) Phenanthrene	17.498	178	420666	40.420	ng		98
72) Anthracene	17.592	178	416867	40.752	ng		99
73) Carbazole	17.857	167	396657	39.565	ng		98
74) Di-n-butylphthalate	18.403	149	449227	39.842	ng		99
75) Fluoranthene	19.507	202	533573	39.596	ng		98
77) Benzidine	19.678	184	170685	39.905	ng		99
78) Pyrene	19.866	202	527509	41.062	ng		99
80) Butylbenzylphthalate	20.741	149	193067	40.984	ng		98
81) Benzo(a)anthracene	21.716	228	517268	40.867	ng		99
82) 3,3'-Dichlorobenzidine	21.628	252	130886	40.777	ng		95
83) Chrysene	21.787	228	480661	40.659	ng		100
84) Bis(2-ethylhexyl)phtha...	21.605	149	274131	42.161	ng		98
85) Di-n-octyl phthalate	22.832	149	463100	42.120	ng		100
87) Indeno(1,2,3-cd)pyrene	28.771	276	610434	40.969	ng	#	96
88) Benzo(b)fluoranthene	23.972	252	514432	40.625	ng		99
89) Benzo(k)fluoranthene	24.043	252	495168	39.794	ng		100
90) Benzo(a)pyrene	24.859	252	435596	40.415	ng		99
91) Dibenzo(a,h)anthracene	28.836	278	496674	40.455	ng		99
92) Benzo(g,h,i)perylene	29.952	276	497407	40.872	ng		99

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

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