Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
Data File : BG056967.D
Acq On : 4 Apr 2023 16:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 04:07:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.419	152	15491	20.000	ng		0.00
21) Naphthalene-d8	11.263	136	59528	20.000	ng		0.00
39) Acenaphthene-d10	15.034	164	48487	20.000	ng		0.00
64) Phenanthrene-d10	17.771	188	122146	20.000	ng		0.00
76) Chrysene-d12	22.095	240	114986	20.000	ng		0.00
86) Perylene-d12	25.637	264	127602	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.923	112	77452	80.019	ng		0.00
7) Phenol-d6	7.544	99	115340	79.674	ng		0.00
23) Nitrobenzene-d5	9.594	82	119020	81.810	ng		0.00
42) 2,4,6-Tribromophenol	16.508	330	64750	83.592	ng		0.00
45) 2-Fluorobiphenyl	13.659	172	279092	78.052	ng		0.00
79) Terphenyl-d14	20.339	244	549092	80.806	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.732	88	17678	41.664	ng		92
3) Pyridine	4.155	79	54931	40.195	ng		93
4) n-Nitrosodimethylamine	4.061	42	26340	41.921	ng		94
6) Aniline	7.726	93	72525	39.189	ng		94
8) 2-Chlorophenol	7.973	128	38392	39.822	ng		93
9) Benzaldehyde	7.538	77	36541	40.244	ng		90
10) Phenol	7.573	94	56564	39.433	ng		96
11) bis(2-Chloroethyl)ether	7.814	93	39694	38.848	ng		96
12) 1,3-Dichlorobenzene	8.308	146	41678	39.124	ng		92
13) 1,4-Dichlorobenzene	8.455	146	41591	38.684	ng		98
14) 1,2-Dichlorobenzene	8.784	146	42926	41.325	ng		95
15) Benzyl Alcohol	8.648	79	48619	40.419	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.942	45	47383m	38.479	ng		
17) 2-Methylphenol	8.848	107	41191	40.250	ng		94
18) Hexachloroethane	9.524	117	14638	37.249	ng		89
19) n-Nitroso-di-n-propyla...	9.224	70	40968	39.565	ng		96
20) 3+4-Methylphenols	9.171	107	56653	39.589	ng		94
22) Acetophenone	9.248	105	72377	40.860	ng	#	97
24) Nitrobenzene	9.641	77	60666	40.787	ng		97
25) Isophorone	10.158	82	110085	39.737	ng		100
26) 2-Nitrophenol	10.358	139	23662	41.215	ng		97
27) 2,4-Dimethylphenol	10.393	122	40809	40.259	ng		98
28) bis(2-Chloroethoxy)met...	10.634	93	53806	38.794	ng		92
29) 2,4-Dichlorophenol	10.892	162	43644	40.035	ng		92
30) 1,2,4-Trichlorobenzene	11.116	180	45930	39.653	ng		91
31) Naphthalene	11.310	128	131901	40.651	ng		98
32) Benzoic acid	10.511	122	31594	45.374	ng	#	73
33) 4-Chloroaniline	11.409	127	58596	39.985	ng		95
34) Hexachlorobutadiene	11.586	225	35730	41.064	ng		95
35) Caprolactam	12.167	113	14950	39.766	ng		89
36) 4-Chloro-3-methylphenol	12.490	107	50324	41.279	ng		99
37) 2-Methylnaphthalene	12.884	142	103630	40.242	ng		99
38) 1-Methylnaphthalene	13.101	142	98264	40.637	ng		95
40) 1,2,4,5-Tetrachloroben...	13.242	216	66271	39.414	ng		100
41) Hexachlorocyclopentadiene	13.219	237	40843	44.088	ng		91
43) 2,4,6-Trichlorophenol	13.471	196	43062	40.134	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	49771	39.156	ng		96
46) 1,1'-Biphenyl	13.871	154	138388	38.989	ng		100
47) 2-Chloronaphthalene	13.918	162	106812	40.689	ng		99
48) 2-Nitroaniline	14.106	65	39607	42.195	ng		92
49) Acenaphthylene	14.758	152	172850	40.076	ng		99
50) Dimethylphthalate	14.464	163	148222	38.797	ng		99
51) 2,6-Dinitrotoluene	14.593	165	32703	39.619	ng		98
52) Acenaphthene	15.093	154	117839	39.614	ng		95
53) 3-Nitroaniline	14.922	138	33757	41.316	ng		90
54) 2,4-Dinitrophenol	15.128	184	21497	46.269	ng	#	92
55) Dibenzofuran	15.422	168	180962	40.532	ng		97
56) 4-Nitrophenol	15.210	139	26501	43.863	ng		91
57) 2,4-Dinitrotoluene	15.375	165	48093	41.310	ng	#	97
58) Fluorene	16.074	166	148918	40.309	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.645	232	47066m	40.668	ng		
60) Diethylphthalate	15.815	149	154248	40.274	ng		99
61) 4-Chlorophenyl-phenyle...	16.050	204	88342	40.728	ng		98
62) 4-Nitroaniline	16.080	138	37234	43.985	ng		91
63) Azobenzene	16.344	77	153856	40.309	ng		98
65) 4,6-Dinitro-2-methylph...	16.132	198	32485	43.912	ng		97
66) n-Nitrosodiphenylamine	16.262	169	129768	39.576	ng		97
67) 4-Bromophenyl-phenylether	16.943	248	58195	38.506	ng		96
68) Hexachlorobenzene	17.072	284	59615	39.898	ng		98
69) Atrazine	17.196	200	54397	39.966	ng		94
70) Pentachlorophenol	17.413	266	43312	40.405	ng		96
71) Phenanthrene	17.813	178	247252	39.703	ng		99
72) Anthracene	17.901	178	254005	39.787	ng		100
73) Carbazole	18.165	167	221064	39.716	ng		96
74) Di-n-butylphthalate	18.688	149	253780	39.374	ng		99
75) Fluoranthene	19.798	202	315252	39.934	ng		99
77) Benzidine	19.963	184	111842	35.585	ng		99
78) Pyrene	20.162	202	318972	40.107	ng		98
80) Butylbenzylphthalate	21.020	149	113232	41.374	ng		95
81) Benzo(a)anthracene	22.071	228	315308	39.626	ng		99
82) 3,3'-Dichlorobenzidine	21.966	252	107781	40.113	ng		97
83) Chrysene	22.142	228	295070	39.605	ng		98
84) Bis(2-ethylhexyl)phtha...	21.925	149	159806	40.325	ng		98
85) Di-n-octyl phthalate	23.246	149	272206	40.760	ng		100
87) Indeno(1,2,3-cd)pyrene	29.732	276	372719	39.523	ng		99
88) Benzo(b)fluoranthene	24.498	252	322536	40.421	ng		98
89) Benzo(k)fluoranthene	24.574	252	314103	39.430	ng		98
90) Benzo(a)pyrene	25.473	252	311846	39.771	ng	#	97
91) Dibenzo(a,h)anthracene	29.802	278	306528	39.544	ng		97
92) Benzo(g,h,i)perylene	31.018	276	302380	39.838	ng		98

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

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