Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056401.D
Acq On : 24 Jan 2023 13:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 05:02:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.293	152	33189	20.000	ng		0.00
21) Naphthalene-d8	11.131	136	130019	20.000	ng		0.00
39) Acenaphthene-d10	14.915	164	112436	20.000	ng		0.00
64) Phenanthrene-d10	17.647	188	282618	20.000	ng		0.00
76) Chrysene-d12	21.942	240	249803	20.000	ng		0.00
86) Perylene-d12	25.367	264	273680	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.814	112	149206	80.270	ng		0.00
7) Phenol-d6	7.441	99	221847	77.715	ng		0.00
23) Nitrobenzene-d5	9.474	82	189933	74.723	ng		0.00
42) 2,4,6-Tribromophenol	16.395	330	123924	87.026	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	657016	80.692	ng		0.00
79) Terphenyl-d14	20.220	244	1182428	84.778	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.622	88	28520	33.591	ng		92
3) Pyridine	4.045	79	93292	36.077	ng	#	91
4) n-Nitrosodimethylamine	3.951	42	18815	35.768	ng	#	86
6) Aniline	7.612	93	141224	37.725	ng		96
8) 2-Chlorophenol	7.858	128	79371	42.910	ng		95
9) Benzaldehyde	7.423	77	54291	31.986	ng		94
10) Phenol	7.465	94	111268	38.435	ng		96
11) bis(2-Chloroethyl)ether	7.700	93	74380	37.913	ng		98
12) 1,3-Dichlorobenzene	8.181	146	91153	40.491	ng		95
13) 1,4-Dichlorobenzene	8.334	146	91939	40.670	ng		98
14) 1,2-Dichlorobenzene	8.657	146	91046	41.740	ng		98
15) Benzyl Alcohol	8.528	79	78387	37.730	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.810	45	16460	47.478	ng	#	67
17) 2-Methylphenol	8.734	107	85029	40.028	ng		97
18) Hexachloroethane	9.392	117	28698	41.788	ng		92
19) n-Nitroso-di-n-propyla...	9.098	70	62512	36.012	ng		95
20) 3+4-Methylphenols	9.063	107	119303	39.947	ng		97
22) Acetophenone	9.121	105	140570	38.237	ng	#	97
24) Nitrobenzene	9.515	77	92853	36.861	ng		93
25) Isophorone	10.032	82	192020	35.904	ng		95
26) 2-Nitrophenol	10.232	139	55568	43.115	ng		93
27) 2,4-Dimethylphenol	10.279	122	93014m	39.568	ng		
28) bis(2-Chloroethoxy)met...	10.508	93	106291	38.239	ng		96
29) 2,4-Dichlorophenol	10.773	162	107058	41.194	ng		99
30) 1,2,4-Trichlorobenzene	10.984	180	118415	40.152	ng		98
31) Naphthalene	11.178	128	286153	41.819	ng		100
32) Benzoic acid	10.420	122	60012m	34.407	ng		
33) 4-Chloroaniline	11.278	127	135979	41.622	ng		96
34) Hexachlorobutadiene	11.454	225	84123	39.660	ng		94
35) Caprolactam	12.053	113	34907	39.672	ng		94
36) 4-Chloro-3-methylphenol	12.382	107	107957	40.938	ng		100
37) 2-Methylnaphthalene	12.758	142	238703	41.314	ng		98
38) 1-Methylnaphthalene	12.976	142	223336m	41.626	ng		
40) 1,2,4,5-Tetrachloroben...	13.123	216	165229	39.209	ng		99
41) Hexachlorocyclopentadiene	13.093	237	83488	34.750	ng		92
43) 2,4,6-Trichlorophenol	13.358	196	111124	39.879	ng		96

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44) 2,4,5-Trichlorophenol	13.434	196	131134	39.783	ng		98
46) 1,1'-Biphenyl	13.751	154	331655	41.188	ng		97
47) 2-Chloronaphthalene	13.798	162	261873	41.202	ng		98
48) 2-Nitroaniline	13.992	65	56687	41.861	ng		93
49) Acenaphthylene	14.639	152	423340	40.930	ng		98
50) Dimethylphthalate	14.351	163	363322	40.029	ng		99
51) 2,6-Dinitrotoluene	14.480	165	78772	40.729	ng		92
52) Acenaphthene	14.979	154	280437m	41.689	ng		
53) 3-Nitroaniline	14.809	138	77714	42.221	ng		92
54) 2,4-Dinitrophenol	15.020	184	53393	38.644	ng		95
55) Dibenzofuran	15.308	168	451910	40.596	ng		97
56) 4-Nitrophenol	15.114	139	54362	38.402	ng		91
57) 2,4-Dinitrotoluene	15.261	165	112734	41.679	ng		90
58) Fluorene	15.955	166	360754	40.292	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.532	232	119412	38.582	ng		96
60) Diethylphthalate	15.696	149	343501	40.355	ng		99
61) 4-Chlorophenyl-phenyle...	15.931	204	220643	39.488	ng		96
62) 4-Nitroaniline	15.972	138	79117	41.962	ng		93
63) Azobenzene	16.225	77	248956	37.901	ng		97
65) 4,6-Dinitro-2-methylph...	16.025	198	82151	43.144	ng		95
66) n-Nitrosodiphenylamine	16.149	169	330672	42.170	ng		98
67) 4-Bromophenyl-phenylether	16.824	248	149600	41.569	ng		94
68) Hexachlorobenzene	16.953	284	145199	43.244	ng		99
69) Atrazine	17.083	200	132392	40.739	ng		98
70) Pentachlorophenol	17.300	266	92849	35.999	ng		96
71) Phenanthrene	17.694	178	597543	40.799	ng		98
72) Anthracene	17.782	178	615071	40.710	ng		99
73) Carbazole	18.046	167	518771	40.849	ng		98
74) Di-n-butylphthalate	18.575	149	540276	42.677	ng		99
75) Fluoranthene	19.680	202	728270	38.120	ng		99
77) Benzidine	19.850	184	273940	31.293	ng		97
78) Pyrene	20.044	202	730213	41.472	ng		98
80) Butylbenzylphthalate	20.896	149	216292	42.819	ng		98
81) Benzo(a)anthracene	21.918	228	714197	40.706	ng		98
82) 3,3'-Dichlorobenzidine	21.818	252	253842	40.190	ng		97
83) Chrysene	21.989	228	671577	40.863	ng		99
84) Bis(2-ethylhexyl)phtha...	21.777	149	304961	41.904	ng		99
85) Di-n-octyl phthalate	23.052	149	512393	41.706	ng		99
87) Indeno(1,2,3-cd)pyrene	29.327	276	815389	40.967	ng	#	99
88) Benzo(b)fluoranthene	24.274	252	700574m	40.289	ng		
89) Benzo(k)fluoranthene	24.345	252	695882	40.188	ng		100
90) Benzo(a)pyrene	25.209	252	681071	40.157	ng		99
91) Dibenzo(a,h)anthracene	29.380	278	686647	41.148	ng		99
92) Benzo(g,h,i)perylene	30.567	276	656431	40.565	ng		98

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

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