Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
Data File : BG056245.D
Acq On : 11 Jan 2023 11:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 12 04:15:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.317	152	50575	20.000	ng		0.00
21) Naphthalene-d8	11.149	136	185506	20.000	ng		0.00
39) Acenaphthene-d10	14.927	164	147266	20.000	ng		0.00
64) Phenanthrene-d10	17.665	188	370406	20.000	ng		0.00
76) Chrysene-d12	21.960	240	355661	20.000	ng	#	0.00
86) Perylene-d12	25.403	264	391861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.826	112	232756	82.172	ng		0.00
7) Phenol-d6	7.447	99	327314	75.245	ng		0.00
23) Nitrobenzene-d5	9.492	82	283382	78.140	ng		0.00
42) 2,4,6-Tribromophenol	16.407	330	146589	78.596	ng		0.00
45) 2-Fluorobiphenyl	13.558	172	881769	82.683	ng		0.00
79) Terphenyl-d14	20.238	244	1559395	78.529	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	53250	41.158	ng		94
3) Pyridine	4.063	79	157204	39.894	ng	#	94
4) n-Nitrosodimethylamine	3.975	42	31689	39.533	ng		87
6) Aniline	7.629	93	213262	37.385	ng		98
8) 2-Chlorophenol	7.870	128	111305	39.488	ng		97
9) Benzaldehyde	7.441	77	87428	33.802	ng		98
10) Phenol	7.477	94	164852	37.369	ng		97
11) bis(2-Chloroethyl)ether	7.717	93	116003	38.803	ng		97
12) 1,3-Dichlorobenzene	8.205	146	137254	40.010	ng		97
13) 1,4-Dichlorobenzene	8.352	146	137081	39.793	ng		98
14) 1,2-Dichlorobenzene	8.675	146	130905	39.383	ng		98
15) Benzyl Alcohol	8.546	79	113668	35.904	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.840	45	22305	42.221	ng		98
17) 2-Methylphenol	8.746	107	121240	37.454	ng		97
18) Hexachloroethane	9.415	117	42289	40.410	ng		92
19) n-Nitroso-di-n-propyla...	9.116	70	93642	35.401	ng		98
20) 3+4-Methylphenols	9.075	107	167138	36.725	ng		98
22) Acetophenone	9.139	105	200281	38.184	ng	#	100
24) Nitrobenzene	9.533	77	140295	39.036	ng		100
25) Isophorone	10.050	82	282467	37.018	ng		97
26) 2-Nitrophenol	10.250	139	74349	40.432	ng		98
27) 2,4-Dimethylphenol	10.291	122	128615	38.348	ng		98
28) bis(2-Chloroethoxy)met...	10.532	93	157296	39.663	ng		99
29) 2,4-Dichlorophenol	10.784	162	144689	39.021	ng		93
30) 1,2,4-Trichlorobenzene	11.002	180	169528	40.289	ng		98
31) Naphthalene	11.202	128	390593	40.008	ng		98
32) Benzoic acid	10.414	122	83592m	33.591	ng		
33) 4-Chloroaniline	11.296	127	174162	37.364	ng		99
34) Hexachlorobutadiene	11.478	225	126064	41.656	ng		97
35) Caprolactam	12.059	113	45917	36.576	ng		92
36) 4-Chloro-3-methylphenol	12.388	107	140560	37.358	ng		98
37) 2-Methylnaphthalene	12.776	142	317063	38.462	ng		99
38) 1-Methylnaphthalene	12.994	142	292700	38.236	ng		98
40) 1,2,4,5-Tetrachloroben...	13.140	216	229740	41.623	ng		99
41) Hexachlorocyclopentadiene	13.117	237	137676	43.751	ng		98
43) 2,4,6-Trichlorophenol	13.370	196	149450	40.948	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	171846	39.803	ng	98
46) 1,1'-Biphenyl	13.769	154	436175	41.356	ng	99
47) 2-Chloronaphthalene	13.816	162	336818	40.460	ng	96
48) 2-Nitroaniline	14.010	65	71679	40.413	ng	98
49) Acenaphthylene	14.656	152	542487	40.045	ng	99
50) Dimethylphthalate	14.368	163	461197	38.795	ng	99
51) 2,6-Dinitrotoluene	14.492	165	100376	39.625	ng	97
52) Acenaphthene	14.991	154	357620	40.589	ng	100
53) 3-Nitroaniline	14.821	138	96278	39.936	ng	97
54) 2,4-Dinitrophenol	15.027	184	68996	38.126	ng	96
55) Dibenzofuran	15.326	168	580546	39.817	ng	97
56) 4-Nitrophenol	15.109	139	73577	39.682	ng	97
57) 2,4-Dinitrotoluene	15.273	165	141438	39.924	ng	94
58) Fluorene	15.967	166	454942	38.794	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.544	232	157410m	38.831	ng	
60) Diethylphthalate	15.720	149	428141	38.402	ng	99
61) 4-Chlorophenyl-phenyle...	15.949	204	290567	39.703	ng	98
62) 4-Nitroaniline	15.984	138	96980	39.271	ng	97
63) Azobenzene	16.243	77	338823	39.382	ng	98
65) 4,6-Dinitro-2-methylph...	16.037	198	103294	41.391	ng	94
66) n-Nitrosodiphenylamine	16.166	169	418686	40.740	ng	97
67) 4-Bromophenyl-phenylether	16.848	248	192031	40.713	ng	99
68) Hexachlorobenzene	16.971	284	177799	40.403	ng	95
69) Atrazine	17.095	200	166267	39.037	ng	98
70) Pentachlorophenol	17.306	266	132370	39.158	ng	97
71) Phenanthrene	17.712	178	764893	39.847	ng	99
72) Anthracene	17.800	178	790420	39.917	ng	99
73) Carbazole	18.064	167	660426	39.678	ng	98
74) Di-n-butylphthalate	18.593	149	687821	41.455	ng	100
75) Fluoranthene	19.698	202	989115	39.503	ng	99
77) Benzidine	19.862	184	409433	32.850	ng	99
78) Pyrene	20.056	202	989200	39.460	ng	100
80) Butylbenzylphthalate	20.920	149	293720	40.840	ng	97
81) Benzo(a)anthracene	21.942	228	1006947	40.309	ng	98
82) 3,3'-Dichlorobenzidine	21.842	252	351193	39.054	ng	96
83) Chrysene	22.012	228	930282	39.757	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	432306	41.722	ng	98
85) Di-n-octyl phthalate	23.088	149	740131	42.313	ng	100
87) Indeno(1,2,3-cd)pyrene	29.363	276	1174151	41.200	ng	100
88) Benzo(b)fluoranthene	24.298	252	1015642	40.793	ng	99
89) Benzo(k)fluoranthene	24.374	252	993260	40.062	ng	100
90) Benzo(a)pyrene	25.244	252	981727	40.427	ng	98
91) Dibenzo(a,h)anthracene	29.433	278	972317	40.694	ng	99
92) Benzo(g,h,i)perylene	30.614	276	949899	40.996	ng	98

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

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