Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
Data File : BG056637.D
Acq On : 15 Feb 2023 17:07
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 16 01:26:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:15:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.441	152	17323	20.000	ng	0.00
21) Naphthalene-d8	11.278	136	65783	20.000	ng	0.00
39) Acenaphthene-d10	15.045	164	52599	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	140049	20.000	ng	0.00
76) Chrysene-d12	22.101	240	131675	20.000	ng	0.00
86) Perylene-d12	25.638	264	148234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.938	112	85447	80.256	ng	0.00
7) Phenol-d6	7.559	99	126434	80.394	ng	0.00
23) Nitrobenzene-d5	9.616	82	107405	83.597	ng	0.00
42) 2,4,6-Tribromophenol	16.519	330	63432	88.082	ng	0.00
45) 2-Fluorobiphenyl	13.676	172	318370	81.050	ng	0.00
79) Terphenyl-d14	20.350	244	653850	81.244	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.758	88	18201	38.994	ng	100
3) Pyridine	4.175	79	60373m	40.891	ng	
4) n-Nitrosodimethylamine	4.087	42	27240	39.581	ng	100
6) Aniline	7.747	93	87547	40.055	ng	100
8) 2-Chlorophenol	7.994	128	42024	39.893	ng	100
9) Benzaldehyde	7.559	77	30771	36.998	ng	100
10) Phenol	7.583	94	64496	40.091	ng	100
11) bis(2-Chloroethyl)ether	7.835	93	48013	39.777	ng	100
12) 1,3-Dichlorobenzene	8.329	146	50507	40.243	ng	100
13) 1,4-Dichlorobenzene	8.476	146	49563	39.212	ng	100
14) 1,2-Dichlorobenzene	8.805	146	48442	39.872	ng	100
15) Benzyl Alcohol	8.670	79	56579	40.178	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.958	45	63101	38.923	ng	100
17) 2-Methylphenol	8.858	107	45169	39.953	ng	100
18) Hexachloroethane	9.545	117	16619	41.507	ng	100
19) n-Nitroso-di-n-propyla...	9.246	70	48800	41.448	ng	100
20) 3+4-Methylphenols	9.187	107	62874	40.485	ng	100
22) Acetophenone	9.263	105	82446	41.018	ng	100
24) Nitrobenzene	9.657	77	60108	40.605	ng	100
25) Isophorone	10.180	82	130067	41.597	ng	100
26) 2-Nitrophenol	10.374	139	22893	43.274	ng	100
27) 2,4-Dimethylphenol	10.409	122	50643	41.892	ng	100
28) bis(2-Chloroethoxy)met...	10.656	93	66917	41.993	ng	100
29) 2,4-Dichlorophenol	10.902	162	51479	42.966	ng	100
30) 1,2,4-Trichlorobenzene	11.132	180	59873	41.950	ng	100
31) Naphthalene	11.331	128	151756	41.624	ng	100
32) Benzoic acid	10.521	122	32876	42.113	ng	100
33) 4-Chloroaniline	11.419	127	69800	41.904	ng	100
34) Hexachlorobutadiene	11.608	225	43560	42.707	ng	100
35) Caprolactam	12.189	113	16967	44.029	ng	100
36) 4-Chloro-3-methylphenol	12.501	107	58141	44.003	ng	100
37) 2-Methylnaphthalene	12.900	142	120915	42.004	ng	100
38) 1-Methylnaphthalene	13.118	142	112467	41.869	ng	100
40) 1,2,4,5-Tetrachloroben...	13.259	216	79760	40.791	ng	100
41) Hexachlorocyclopentadiene	13.241	237	42988	40.534	ng	100
43) 2,4,6-Trichlorophenol	13.482	196	51179	43.139	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.552	196	59328	41.725	ng	100
46)	1,1'-Biphenyl	13.881	154	160487	40.278	ng	100
47)	2-Chloronaphthalene	13.934	162	127547	40.452	ng	100
48)	2-Nitroaniline	14.116	65	33065	37.310	ng	100
49)	Acenaphthylene	14.769	152	207227	40.448	ng	100
50)	Dimethylphthalate	14.481	163	186969	42.999	ng	100
51)	2,6-Dinitrotoluene	14.604	165	33096	39.577	ng	100
52)	Acenaphthene	15.109	154	130601	41.327	ng	100
53)	3-Nitroaniline	14.933	138	35512	42.074	ng	100
54)	2,4-Dinitrophenol	15.127	184	21653	43.105	ng	100
55)	Dibenzofuran	15.438	168	221833	41.550	ng	100
56)	4-Nitrophenol	15.203	139	28296	43.756	ng	100
57)	2,4-Dinitrotoluene	15.380	165	45918	43.300	ng	100
58)	Fluorene	16.085	166	170671	40.431	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.650	232	54009m	43.284	ng	
60)	Diethylphthalate	15.832	149	191705	43.707	ng	100
61)	4-Chlorophenyl-phenyle...	16.067	204	107580	41.716	ng	100
62)	4-Nitroaniline	16.090	138	39165	44.523	ng	100
63)	Azobenzene	16.355	77	183639	41.834	ng	100
65)	4,6-Dinitro-2-methylph...	16.137	198	29856	41.282	ng	100
66)	n-Nitrosodiphenylamine	16.273	169	161173	39.559	ng	100
67)	4-Bromophenyl-phenylether	16.960	248	73066	40.635	ng	100
68)	Hexachlorobenzene	17.083	284	74268	40.541	ng	100
69)	Atrazine	17.207	200	65510	41.874	ng	100
70)	Pentachlorophenol	17.412	266	52144	42.981	ng	100
71)	Phenanthrene	17.824	178	308903	40.542	ng	100
72)	Anthracene	17.912	178	312733	40.112	ng	100
73)	Carbazole	18.170	167	273526	40.698	ng	100
74)	Di-n-butylphthalate	18.705	149	322235	42.844	ng	100
75)	Fluoranthene	19.804	202	410197	40.801	ng	100
77)	Benzidine	19.968	184	126790	40.259	ng	100
78)	Pyrene	20.162	202	409637	41.193	ng	100
80)	Butylbenzylphthalate	21.032	149	127603	42.731	ng	100
81)	Benzo(a)anthracene	22.078	228	399849	40.833	ng	100
82)	3,3'-Dichlorobenzidine	21.972	252	133452	42.005	ng	100
83)	Chrysene	22.148	228	376614	41.140	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.954	149	191199	42.728	ng	100
85)	Di-n-octyl phthalate	23.282	149	318835	42.869	ng	100
87)	Indeno(1,2,3-cd)pyrene	29.745	276	480448	41.385	ng	100
88)	Benzo(b)fluoranthene	24.510	252	392762	40.557	ng	100
89)	Benzo(k)fluoranthene	24.586	252	394046	41.377	ng	100
90)	Benzo(a)pyrene	25.480	252	383620	41.211	ng	100
91)	Dibenzo(a,h)anthracene	29.821	278	396284	41.215	ng	100
92)	Benzo(g,h,i)perylene	31.032	276	384993	40.978	ng	100

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

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