Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
Data File : BG054581.D
Acq On : 10 Aug 2022 9:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 14:23:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
08/11/2022
Supervised By :Jagrut Upadhyay
08/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.974	152	19056	20.000	ng		0.00
21) Naphthalene-d8	10.782	136	74056	20.000	ng	#	0.00
39) Acenaphthene-d10	14.613	164	59021	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	156218	20.000	ng	#	0.00
76) Chrysene-d12	21.628	240	172104	20.000	ng	#	0.00
86) Perylene-d12	24.836	264	181146	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.559	112	81602	89.408	ng		0.00
7) Phenol-d6	7.180	99	113896	91.072	ng		0.00
23) Nitrobenzene-d5	9.143	82	115022	84.581	ng		0.00
42) 2,4,6-Tribromophenol	16.111	330	88213	71.184	ng		0.00
45) 2-Fluorobiphenyl	13.232	172	336254	80.370	ng		0.00
79) Terphenyl-d14	19.971	244	723189	83.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	14857	40.917	ng	#	96
3) Pyridine	3.802	79	42786	46.450	ng		95
4) n-Nitrosodimethylamine	3.720	42	24298	47.176	ng	#	76
6) Aniline	7.298	93	63616	44.068	ng		99
8) 2-Chlorophenol	7.551	128	45997	43.854	ng		93
9) Benzaldehyde	7.110	77	31811	52.800	ng	#	77
10) Phenol	7.204	94	56633	45.578	ng		96
11) bis(2-Chloroethyl)ether	7.386	93	40491	44.693	ng		94
12) 1,3-Dichlorobenzene	7.862	146	55877	43.724	ng		91
13) 1,4-Dichlorobenzene	8.009	146	56899	43.114	ng		96
14) 1,2-Dichlorobenzene	8.326	146	53359	42.876	ng		96
15) Benzyl Alcohol	8.220	79	46013	44.734	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.496	45	53725	47.086	ng		92
17) 2-Methylphenol	8.449	107	41177	45.978	ng		97
18) Hexachloroethane	9.049	117	19609	44.874	ng	#	73
19) n-Nitroso-di-n-propyla...	8.779	70	37165	44.502	ng	#	89
20) 3+4-Methylphenols	8.779	107	56203	44.539	ng	#	87
22) Acetophenone	8.802	105	74006	41.550	ng		97
24) Nitrobenzene	9.184	77	57380	43.175	ng	#	87
25) Isophorone	9.707	82	100146	42.344	ng	#	95
26) 2-Nitrophenol	9.901	139	28789	42.975	ng		87
27) 2,4-Dimethylphenol	9.977	122	38518	41.622	ng		93
28) bis(2-Chloroethoxy)met...	10.183	93	51125	42.860	ng		100
29) 2,4-Dichlorophenol	10.459	162	57394	41.088	ng		89
30) 1,2,4-Trichlorobenzene	10.647	180	71107	41.103	ng	#	96
31) Naphthalene	10.835	128	153905	41.401	ng		99
32) Benzoic acid	10.153	122	8666m	27.492	ng		
33) 4-Chloroaniline	10.947	127	64635	42.755	ng		97
34) Hexachlorobutadiene	11.111	225	60686	39.693	ng		99
35) Caprolactam	11.740	113	15367	43.692	ng	#	79
36) 4-Chloro-3-methylphenol	12.110	107	53391	42.015	ng		88
37) 2-Methylnaphthalene	12.439	142	117428	41.134	ng		99
38) 1-Methylnaphthalene	12.662	142	114939	41.319	ng		96
40) 1,2,4,5-Tetrachloroben...	12.809	216	103156	39.893	ng	#	94
41) Hexachlorocyclopentadiene	12.786	237	17178	26.780	ng		95
43) 2,4,6-Trichlorophenol	13.068	196	53788	38.203	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.162	196	54730	34.403	ng	#	91
46) 1,1'-Biphenyl	13.444	154	163207	40.420	ng		95
47) 2-Chloronaphthalene	13.497	162	136627	40.432	ng		95
48) 2-Nitroaniline	13.702	65	39321	44.587	ng		92
49) Acenaphthylene	14.337	152	204546	40.737	ng		99
50) Dimethylphthalate	14.066	163	186097	40.367	ng		99
51) 2,6-Dinitrotoluene	14.196	165	41423	40.965	ng	#	78
52) Acenaphthene	14.677	154	123350	40.569	ng		99
53) 3-Nitroaniline	14.531	138	35327	41.773	ng		90
54) 2,4-Dinitrophenol	14.766	184	15411m	30.690	ng		
55) Dibenzofuran	15.012	168	218118	40.318	ng		96
56) 4-Nitrophenol	14.907	139	15950	28.269	ng		88
57) 2,4-Dinitrotoluene	14.995	165	59647	41.147	ng		90
58) Fluorene	15.665	166	179137	40.273	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.259	232	47623	30.748	ng	#	81
60) Diethylphthalate	15.424	149	179362	40.556	ng		96
61) 4-Chlorophenyl-phenyle...	15.647	204	117451	40.226	ng	#	87
62) 4-Nitroaniline	15.694	138	38030	42.803	ng		87
63) Azobenzene	15.941	77	135154	42.295	ng		88
65) 4,6-Dinitro-2-methylph...	15.776	198	31938	33.092	ng	#	74
66) n-Nitrosodiphenylamine	15.864	169	160687	41.199	ng		95
67) 4-Bromophenyl-phenylether	16.540	248	86945	39.629	ng		93
68) Hexachlorobenzene	16.681	284	98903	39.419	ng	#	91
69) Atrazine	16.816	200	70874	40.835	ng		95
70) Pentachlorophenol	17.039	266	22487	23.468	ng		90
71) Phenanthrene	17.404	178	314236	40.392	ng		98
72) Anthracene	17.498	178	308055	40.352	ng		98
73) Carbazole	17.768	167	258313	41.099	ng		99
74) Di-n-butylphthalate	18.309	149	307490	41.457	ng	#	97
75) Fluoranthene	19.419	202	415567	39.187	ng		96
77) Benzidine	19.589	184	127545	40.920	ng		97
78) Pyrene	19.783	202	420959	42.628	ng		99
80) Butylbenzylphthalate	20.653	149	134207	43.610	ng	#	85
81) Benzo(a)anthracene	21.611	228	446452	40.865	ng		99
82) 3,3'-Dichlorobenzidine	21.522	252	141398	41.616	ng	#	97
83) Chrysene	21.681	228	419134	40.607	ng		97
84) Bis(2-ethylhexyl)phtha...	21.499	149	186538	42.837	ng	#	91
85) Di-n-octyl phthalate	22.692	149	320944	43.202	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.532	276	554750	40.256	ng	#	96
88) Benzo(b)fluoranthene	23.820	252	432126	40.337	ng	#	98
89) Benzo(k)fluoranthene	23.884	252	439596	41.232	ng	#	98
90) Benzo(a)pyrene	24.689	252	373025	40.773	ng		99
91) Dibenzo(a,h)anthracene	28.567	278	459299	40.533	ng	#	97
92) Benzo(g,h,i)perylene	29.689	276	452813	40.488	ng	#	92

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

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