Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
Data File : BG049829.D
Acq On : 13 Aug 2021 10:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 11:51:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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8/16/2021 12:21:36 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.033	152	28254	20.000	ng		0.00
21) Naphthalene-d8	10.853	136	125762	20.000	ng		-0.01
39) Acenaphthene-d10	14.689	164	89808	20.000	ng		0.00
64) Phenanthrene-d10	17.444	188	198217	20.000	ng		# 0.00
76) Chrysene-d12	21.732	240	162972	20.000	ng		0.00
86) Perylene-d12	25.010	264	171255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.583	112	116889	74.162	ng		0.00
7) Phenol-d6	7.199	99	187327	78.515	ng		0.00
23) Nitrobenzene-d5	9.208	82	192820	67.846	ng		0.00
42) 2,4,6-Tribromophenol	16.187	330	97796	74.085	ng		0.00
45) 2-Fluorobiphenyl	13.308	172	426567	69.113	ng		0.00
79) Terphenyl-d14	20.052	244	681542	75.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	25101	36.444	ng		97
3) Pyridine	3.850	79	63864	33.826	ng		91
4) n-Nitrosodimethylamine	3.768	42	36762	36.212	ng	#	90
6) Aniline	7.357	93	100628	39.796	ng	#	92
8) 2-Chlorophenol	7.598	128	66276	38.568	ng		95
9) Benzaldehyde	7.169	77	54846	34.452	ng		88
10) Phenol	7.222	94	90828	39.289	ng		90
11) bis(2-Chloroethyl)ether	7.451	93	60787	38.943	ng		87
12) 1,3-Dichlorobenzene	7.921	146	73130	37.158	ng		93
13) 1,4-Dichlorobenzene	8.068	146	73723	37.007	ng		98
14) 1,2-Dichlorobenzene	8.391	146	70537	37.375	ng		95
15) Benzyl Alcohol	8.274	79	79517	39.685	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.562	45	66689	37.601	ng		99
17) 2-Methylphenol	8.485	107	63105	41.453	ng		95
18) Hexachloroethane	9.120	117	30040	39.226	ng		99
19) n-Nitroso-di-n-propyla...	8.844	70	65109	40.780	ng		91
20) 3+4-Methylphenols	8.814	107	88497	41.392	ng		96
22) Acetophenone	8.861	105	119649	35.019	ng	#	96
24) Nitrobenzene	9.249	77	98898	32.978	ng		95
25) Isophorone	9.772	82	179030	35.302	ng		96
26) 2-Nitrophenol	9.966	139	42961	37.538	ng		92
27) 2,4-Dimethylphenol	10.024	122	62380	36.878	ng		96
28) bis(2-Chloroethoxy)met...	10.253	93	81542	36.756	ng	#	90
29) 2,4-Dichlorophenol	10.506	162	75455	36.350	ng		94
30) 1,2,4-Trichlorobenzene	10.717	180	81700	35.746	ng		96
31) Naphthalene	10.911	128	232641	35.322	ng		99
32) Benzoic acid	10.183	122	39349	34.494	ng	#	61
33) 4-Chloroaniline	11.017	127	96227	37.007	ng		98
34) Hexachlorobutadiene	11.187	225	58661	35.319	ng		92
35) Caprolactam	11.798	113	23708	36.965	ng	#	87
36) 4-Chloro-3-methylphenol	12.151	107	90113	37.583	ng	#	92
37) 2-Methylnaphthalene	12.515	142	180400	36.359	ng		99
38) 1-Methylnaphthalene	12.732	142	167048	35.823	ng		95
40) 1,2,4,5-Tetrachloroben...	12.885	216	95063	35.925	ng		99
41) Hexachlorocyclopentadiene	12.856	237	49825	36.972	ng		91
43) 2,4,6-Trichlorophenol	13.126	196	65973	36.981	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.202	196	71712	37.053	ng		88
46) 1,1'-Biphenyl	13.520	154	224706	35.130	ng		100
47) 2-Chloronaphthalene	13.567	162	181563	35.539	ng		98
48) 2-Nitroaniline	13.772	65	65324	34.822	ng		89
49) Acenaphthylene	14.413	152	284701	35.160	ng		94
50) Dimethylphthalate	14.142	163	238391	35.182	ng		98
51) 2,6-Dinitrotoluene	14.266	165	55153	36.969	ng		92
52) Acenaphthene	14.753	154	168447	34.534	ng		90
53) 3-Nitroaniline	14.595	138	52777	36.276	ng	#	88
54) 2,4-Dinitrophenol	14.812	184	32757	38.676	ng		94
55) Dibenzofuran	15.088	168	281841	35.617	ng		97
56) 4-Nitrophenol	14.918	139	36258	34.113	ng		92
57) 2,4-Dinitrotoluene	15.059	165	77769	37.115	ng	#	95
58) Fluorene	15.740	166	226421	35.204	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.323	232	64321	35.783	ng		97
60) Diethylphthalate	15.499	149	245145	35.972	ng		96
61) 4-Chlorophenyl-phenyle...	15.728	204	122277	35.620	ng		95
62) 4-Nitroaniline	15.764	138	56227	37.571	ng		88
63) Azobenzene	16.022	77	243251	33.724	ng		88
65) 4,6-Dinitro-2-methylph...	15.828	198	47398	37.201	ng		86
66) n-Nitrosodiphenylamine	15.946	169	197804	35.317	ng		99
67) 4-Bromophenyl-phenylether	16.621	248	81741	35.015	ng		96
68) Hexachlorobenzene	16.750	284	90865	35.034	ng		98
69) Atrazine	16.892	200	79923	35.674	ng		95
70) Pentachlorophenol	17.097	266	47185	33.928	ng		95
71) Phenanthrene	17.485	178	359524	34.475	ng		97
72) Anthracene	17.579	178	358728	35.026	ng		98
73) Carbazole	17.849	167	333497	34.381	ng		98
74) Di-n-butylphthalate	18.395	149	391908	34.659	ng		98
75) Fluoranthene	19.500	202	436946	34.049	ng		98
77) Benzidine	19.676	184	174349	41.753	ng		98
78) Pyrene	19.858	202	429092	38.620	ng		98
80) Butylbenzylphthalate	20.733	149	158802	37.529	ng		99
81) Benzo(a)anthracene	21.709	228	385038	36.279	ng		98
82) 3,3'-Dichlorobenzidine	21.620	252	110710	35.726	ng		95
83) Chrysene	21.779	228	368138	36.286	ng		98
84) Bis(2-ethylhexyl)phtha...	21.597	149	215208	35.930	ng		97
85) Di-n-octyl phthalate	22.825	149	367841	36.353	ng		99
87) Indeno(1,2,3-cd)pyrene	28.775	276	435167	35.234	ng	#	74
88) Benzo(b)fluoranthene	23.964	252	393374m	35.023	ng		
89) Benzo(k)fluoranthene	24.035	252	373190	35.621	ng		96
90) Benzo(a)pyrene	24.851	252	359396	35.357	ng	#	97
91) Dibenzo(a,h)anthracene	28.834	278	375912	36.120	ng		97
92) Benzo(g,h,i)perylene	29.944	276	367235	36.017	ng		98

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

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