Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040500.D
Acq On : 16 Apr 2019 12:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/17/2019 3:33:31 PM

Quant Time: Apr 17 04:46:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48254	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	207331	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	137736	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	362416	20.00	ng		0.00
76) Chrysene-d12	21.69	240	360712	20.00	ng		0.00
87) Perylene-d12	24.97	264	368644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	235947	81.29	ng		0.00
7) Phenol-d6	7.20	99	331837	82.72	ng		0.00
23) Nitrobenzene-d5	9.22	82	318549	81.67	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	137284	92.23	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	752415	80.94	ng		0.00
79) Terphenyl-d14	20.02	244	1270869	79.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	55850	40.920	ng		98
3) Pyridine	3.90	79	149828	40.771	ng		99
4) n-Nitrosodimethylamine	3.82	42	65745	38.676	ng	#	95
6) Aniline	7.37	93	204607	39.258	ng		98
8) 2-Chlorophenol	7.60	128	136571	40.194	ng		93
9) Benzaldehyde	7.19	77	129807	47.174	ng		97
10) Phenol	7.23	94	176922	40.633	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	137271	39.362	ng		99
12) 1,3-Dichlorobenzene	7.93	146	150145	40.649	ng		99
13) 1,4-Dichlorobenzene	8.08	146	152210	41.375	ng		99
14) 1,2-Dichlorobenzene	8.40	146	144335	41.027	ng		99
15) Benzyl Alcohol	8.29	79	120949	37.438	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	267358	39.946	ng		98
17) 2-Methylphenol	8.49	107	118744	39.411	ng		98
18) Hexachloroethane	9.12	117	55325	39.537	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	111137	38.641	ng		99
20) 3+4-Methylphenols	8.81	107	167145	40.950	ng		98
22) Acetophenone	8.87	105	206497	39.927	ng	#	98
24) Nitrobenzene	9.26	77	164240	40.661	ng		99
25) Isophorone	9.77	82	317609	39.574	ng		99
26) 2-Nitrophenol	9.97	139	80637	42.131	ng		97
27) 2,4-Dimethylphenol	10.02	122	123646	40.671	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	190994	40.224	ng		100
29) 2,4-Dichlorophenol	10.51	162	138699	42.032	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	148933	41.103	ng		98
31) Naphthalene	10.91	128	440725	41.471	ng		99
32) Benzoic acid	10.17	122	44809m	24.395	ng		
33) 4-Chloroaniline	11.02	127	190887	42.110	ng		97
34) Hexachlorobutadiene	11.17	225	93542	40.366	ng		95
35) Caprolactam	11.82	113	55402	42.307	ng		99
36) 4-Chloro-3-methylphenol	12.13	107	170298	44.891	ng		96
37) 2-Methylnaphthalene	12.50	142	330032	41.990	ng		98
38) 1-Methylnaphthalene	12.73	142	320834	42.096	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	174187	39.789	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	110536	45.986	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	109570	38.821	ng		93
44) 2,4,5-Trichlorophenol	13.19	196	118841	38.630	ng		98
46) 1,1'-Biphenyl	13.51	154	437006	40.155	ng		98
47) 2-Chloronaphthalene	13.56	162	335484	40.188	ng		99
48) 2-Nitroaniline	13.77	65	121086	43.002	ng		93
49) Acenaphthylene	14.40	152	572940	40.480	ng		99
50) Dimethylphthalate	14.13	163	449990	41.744	ng		99
51) 2,6-Dinitrotoluene	14.26	165	104217	43.057	ng		96
52) Acenaphthene	14.74	154	329678	40.650	ng		97
53) 3-Nitroaniline	14.60	138	111854	43.657	ng		90
54) 2,4-Dinitrophenol	14.80	184	56556	43.936	ng		95
55) Dibenzofuran	15.07	168	551904	42.350	ng		98
56) 4-Nitrophenol	14.90	139	82020	39.665	ng		97
57) 2,4-Dinitrotoluene	15.04	165	152807	45.435	ng		97
58) Fluorene	15.72	166	439406	42.885	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	118987	42.622	ng		99
60) Diethylphthalate	15.48	149	483659	43.846	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	238105	43.475	ng		97
62) 4-Nitroaniline	15.76	138	123514	44.921	ng		98
63) Azobenzene	16.00	77	452761	43.514	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	74978	36.824	ng		96
66) n-Nitrosodiphenylamine	15.92	169	414848	39.117	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	163091	39.989	ng		98
68) Hexachlorobenzene	16.72	284	165871	40.450	ng		96
69) Atrazine	16.86	200	142091	36.017	ng		95
70) Pentachlorophenol	17.07	266	113019	47.672	ng		98
71) Phenanthrene	17.46	178	769914	40.417	ng		100
72) Anthracene	17.56	178	772053	40.492	ng		99
73) Carbazole	17.83	167	756499	41.924	ng		99
74) Di-n-butylphthalate	18.36	149	904565	42.291	ng		100
75) Fluoranthene	19.47	202	951123	42.166	ng		99
77) Benzidine	19.65	184	443311	34.034	ng		98
78) Pyrene	19.83	202	958835	40.422	ng		100
80) Butylbenzylphthalate	20.70	149	419337	41.312	ng		98
81) Benzo(a)anthracene	21.68	228	889311	40.027	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	327247	38.719	ng		98
83) Chrysene	21.74	228	856570	40.115	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	610685	42.088	ng		99
85) Di-n-octyl phthalate	22.76	149	1007337	40.748	ng		100
86) Indeno(1,2,3-cd)pyrene	28.73	276	939002	35.955	ng	#	86
88) Benzo(b)fluoranthene	23.92	252	884617	39.195	ng		98
89) Benzo(k)fluoranthene	23.99	252	867265	41.785	ng		97
90) Benzo(a)pyrene	24.82	252	842294	39.775	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	742464	37.750	ng		98
92) Benzo(g,h,i)perylene	29.92	276	731351	36.183	ng		98

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

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