Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038986.D
Acq On : 8 Jan 2019 5:43
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Quant Time: Jan 08 06:56:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

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1/8/2019 4:49:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28898	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	117882	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	81296	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	196134	20.00	ng		0.00
76) Chrysene-d12	21.71	240	196204	20.00	ng		-0.01
87) Perylene-d12	25.00	264	208751	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	127008	77.95	ng		0.00
7) Phenol-d6	7.21	99	175078	78.27	ng		0.00
23) Nitrobenzene-d5	9.23	82	170489	73.89	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	96389	86.03	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	459693	77.57	ng		-0.01
79) Terphenyl-d14	20.03	244	703815	78.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	25225	33.266	ng		95
3) Pyridine	3.90	79	69108	33.102	ng		95
4) n-Nitrosodimethylamine	3.82	42	34481	33.707	ng	#	93
6) Aniline	7.38	93	106103	37.160	ng		97
8) 2-Chlorophenol	7.61	128	72719	38.568	ng		96
9) Benzaldehyde	7.19	77	51195	35.283	ng		93
10) Phenol	7.24	94	93782	39.466	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	65870	34.817	ng		97
12) 1,3-Dichlorobenzene	7.94	146	88327	39.620	ng		98
13) 1,4-Dichlorobenzene	8.08	146	88453	38.740	ng		98
14) 1,2-Dichlorobenzene	8.40	146	85315	39.635	ng		99
15) Benzyl Alcohol	8.29	79	67543	38.688	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	139572	32.205	ng		98
17) 2-Methylphenol	8.49	107	62590	39.314	ng		95
18) Hexachloroethane	9.12	117	31015	37.174	ng		84
19) n-Nitroso-di-n-propylamine	8.85	70	56201	35.775	ng		97
20) 3+4-Methylphenols	8.82	107	88467	40.236	ng		95
22) Acetophenone	8.88	105	111526	37.877	ng	#	96
24) Nitrobenzene	9.27	77	84868	36.357	ng		97
25) Isophorone	9.78	82	139160	33.566	ng		98
26) 2-Nitrophenol	9.98	139	48323	40.446	ng		90
27) 2,4-Dimethylphenol	10.02	122	64368	37.592	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	86244	36.862	ng		99
29) 2,4-Dichlorophenol	10.51	162	84219	44.213	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	96671	42.014	ng		98
31) Naphthalene	10.91	128	229117	39.448	ng		99
32) Benzoic acid	10.19	122	42250m	40.785	ng		
33) 4-Chloroaniline	11.03	127	101846	40.389	ng		97
34) Hexachlorobutadiene	11.17	225	68927	44.272	ng		91
35) Caprolactam	11.82	113	29294	37.160	ng		93
36) 4-Chloro-3-methylphenol	12.15	107	85235	39.211	ng		92
37) 2-Methylnaphthalene	12.51	142	168237	40.602	ng		98
38) 1-Methylnaphthalene	12.74	142	162258	40.354	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	123851	40.756	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	67509	40.436 ng		97
43) 2,4,6-Trichlorophenol	13.12	196	77537	41.498 ng		97
44) 2,4,5-Trichlorophenol	13.20	196	81056	40.973 ng		98
46) 1,1'-Biphenyl	13.52	154	257015	37.712 ng		99
47) 2-Chloronaphthalene	13.56	162	201041	38.189 ng		98
48) 2-Nitroaniline	13.78	65	59284	35.355 ng		92
49) Acenaphthylene	14.41	152	297427	37.792 ng		99
50) Dimethylphthalate	14.13	163	247054	37.213 ng		99
51) 2,6-Dinitrotoluene	14.27	165	56816	37.764 ng		91
52) Acenaphthene	14.75	154	177647	37.749 ng		97
53) 3-Nitroaniline	14.61	138	59052	38.504 ng		90
54) 2,4-Dinitrophenol	14.82	184	34626	41.357 ng		97
55) Dibenzofuran	15.08	168	311008	38.554 ng		97
56) 4-Nitrophenol	14.92	139	39554	33.997 ng		96
57) 2,4-Dinitrotoluene	15.06	165	80976	38.214 ng		92
58) Fluorene	15.73	166	232205	38.852 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	71864	40.377 ng		96
60) Diethylphthalate	15.49	149	261996	35.949 ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	147833	39.644 ng		99
62) 4-Nitroaniline	15.77	138	59375	37.605 ng		96
63) Azobenzene	16.01	77	208426	34.234 ng		96
65) 4,6-Dinitro-2-methylphenol	15.81	198	54271	38.789 ng		92
66) n-Nitrosodiphenylamine	15.94	169	226617	39.324 ng		97
67) 4-Bromophenyl-phenylether	16.61	248	99014	41.336 ng		96
68) Hexachlorobenzene	16.73	284	102971	41.469 ng		95
69) Atrazine	16.88	200	76104	35.585 ng		95
70) Pentachlorophenol	17.08	266	56610	38.544 ng		96
71) Phenanthrene	17.48	178	394891	38.826 ng		100
72) Anthracene	17.57	178	390597	38.901 ng		99
73) Carbazole	17.84	167	382965	38.566 ng		100
74) Di-n-butylphthalate	18.37	149	421331	36.977 ng		100
75) Fluoranthene	19.49	202	478286	38.007 ng		97
77) Benzidine	19.67	184	178954	30.841 ng		100
78) Pyrene	19.85	202	492102	37.966 ng		99
80) Butylbenzylphthalate	20.71	149	192311	37.976 ng		94
81) Benzo(a)anthracene	21.70	228	465218	38.912 ng		100
82) 3,3'-Dichlorobenzidine	21.61	252	186098	39.247 ng		99
83) Chrysene	21.76	228	445425	38.680 ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	269280	37.493 ng		100
85) Di-n-octyl phthalate	22.78	149	447825	37.231 ng	#	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	515214	38.055 ng	#	93
88) Benzo(b)fluoranthene	23.95	252	447445	39.040 ng		98
89) Benzo(k)fluoranthene	24.02	252	453445	39.731 ng		96
90) Benzo(a)pyrene	24.85	252	436918	39.515 ng	#	98
91) Dibenzo(a,h)anthracene	28.83	278	428840	38.952 ng		99
92) Benzo(g,h,i)perylene	29.97	276	421099	38.812 ng		97

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

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