Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
Data File : BG040300.D
Acq On : 2 Apr 2019 17:18
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/3/2019 5:23:08 PM

Quant Time: Apr 03 07:52:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54867	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	254658	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	171315	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	423736	20.00	ng		-0.02
76) Chrysene-d12	21.71	240	399348	20.00	ng		-0.02
87) Perylene-d12	25.06	264	407744	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	258280	78.26	ng		-0.02
7) Phenol-d6	7.21	99	393917	86.36	ng		-0.02
23) Nitrobenzene-d5	9.23	82	382501	79.84	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	168098	90.79	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	935800	80.94	ng		-0.02
79) Terphenyl-d14	20.03	244	1408457	79.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	57842	37.271	ng		96
3) Pyridine	3.90	79	175038	41.891	ng		97
4) n-Nitrosodimethylamine	3.83	42	70859	36.661	ng	#	81
6) Aniline	7.38	93	242015	40.839	ng		97
8) 2-Chlorophenol	7.61	128	157522	40.772	ng		93
9) Benzaldehyde	7.20	77	126825	40.535	ng		98
10) Phenol	7.23	94	213593	43.142	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	162685	41.027	ng		97
12) 1,3-Dichlorobenzene	7.94	146	165581	39.425	ng		94
13) 1,4-Dichlorobenzene	8.09	146	166784	39.872	ng		100
14) 1,2-Dichlorobenzene	8.40	146	161146	40.285	ng		98
15) Benzyl Alcohol	8.29	79	153995	41.922	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	298340	39.202	ng		100
17) 2-Methylphenol	8.49	107	143952	42.019	ng		98
18) Hexachloroethane	9.13	117	61668	38.758	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	137426	42.022	ng		95
20) 3+4-Methylphenols	8.82	107	203868	43.927	ng		98
22) Acetophenone	8.88	105	256651	40.402	ng		99
24) Nitrobenzene	9.27	77	198965	40.104	ng		99
25) Isophorone	9.79	82	406276	41.214	ng		97
26) 2-Nitrophenol	9.98	139	98745	42.004	ng		97
27) 2,4-Dimethylphenol	10.03	122	153475	41.101	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	241285	41.371	ng		99
29) 2,4-Dichlorophenol	10.51	162	173514	42.810	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	183299	41.186	ng		98
31) Naphthalene	10.92	128	543710	41.654	ng		99
32) Benzoic acid	10.14	122	52041m	23.067	ng		
33) 4-Chloroaniline	11.03	127	235571	42.309	ng		98
34) Hexachlorobutadiene	11.18	225	113790	39.978	ng		92
35) Caprolactam	11.82	113	71782	44.628	ng		98
36) 4-Chloro-3-methylphenol	12.14	107	205985	44.207	ng		98
37) 2-Methylnaphthalene	12.52	142	415793	43.070	ng		99
38) 1-Methylnaphthalene	12.73	142	407390	43.518	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	218736	40.172	ng		99

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Quant Time: Apr 03 07:52:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	111150	37.178	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	149495	42.584	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	164435	42.974	ng		99
46) 1,1'-Biphenyl	13.52	154	549127	40.568	ng		100
47) 2-Chloronaphthalene	13.57	162	424683	40.902	ng		99
48) 2-Nitroaniline	13.78	65	149939	42.812	ng		98
49) Acenaphthylene	14.41	152	735781	41.796	ng		100
50) Dimethylphthalate	14.13	163	564449	42.099	ng		98
51) 2,6-Dinitrotoluene	14.27	165	129857	43.134	ng		96
52) Acenaphthene	14.75	154	422052	41.839	ng		98
53) 3-Nitroaniline	14.60	138	135312	42.461	ng		95
54) 2,4-Dinitrophenol	14.81	184	35027	21.877	ng		89
55) Dibenzofuran	15.08	168	693896	42.809	ng		99
56) 4-Nitrophenol	14.90	139	99714	38.770	ng		98
57) 2,4-Dinitrotoluene	15.05	165	183671	43.907	ng		99
58) Fluorene	15.73	166	549853	43.146	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	154709	44.555	ng		97
60) Diethylphthalate	15.48	149	575563	41.950	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	294777	43.273	ng		99
62) 4-Nitroaniline	15.77	138	143550	41.975	ng		97
63) Azobenzene	16.01	77	543438	41.992	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	65279	27.421	ng		91
66) n-Nitrosodiphenylamine	15.94	169	498593	40.210	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	194888	40.870	ng		96
68) Hexachlorobenzene	16.72	284	202084	42.149	ng		100
69) Atrazine	16.88	200	179347	38.882	ng		97
70) Pentachlorophenol	17.08	266	130027	46.909	ng		92
71) Phenanthrene	17.48	178	907303	40.737	ng		99
72) Anthracene	17.56	178	904445	40.571	ng		99
73) Carbazole	17.84	167	836731	39.660	ng		99
74) Di-n-butylphthalate	18.37	149	985323	39.400	ng		99
75) Fluoranthene	19.48	202	1057125	40.083	ng		99
77) Benzidine	19.67	184	696076	48.269	ng	#	93
78) Pyrene	19.84	202	1062021	40.440	ng		98
80) Butylbenzylphthalate	20.71	149	444384	39.544	ng		96
81) Benzo(a)anthracene	21.69	228	1009744	41.050	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	368279	39.358	ng		98
83) Chrysene	21.77	228	975449	41.263	ng		100
84) Bis(2-ethylhexyl)phthalate	21.56	149	630667	39.260	ng		99
85) Di-n-octyl phthalate	22.81	149	1069664	39.083	ng		99
86) Indeno(1,2,3-cd)pyrene	28.89	276	1191614m	41.214	ng		
88) Benzo(b)fluoranthene	23.96	252	1051070	42.104	ng		99
89) Benzo(k)fluoranthene	24.04	252	955472	41.620	ng		97
90) Benzo(a)pyrene	24.89	252	979082	41.801	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	957405	44.011	ng		99
92) Benzo(g,h,i)perylene	30.21	276	968439	43.318	ng		99

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

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