Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
Data File : BG035968.D
Acq On : 30 Jul 2018 9:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/31/2018 12:20:39 PM

Quant Time: Jul 30 11:19:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30433	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	125755	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	94654	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	255990	20.00	ng		0.00
75) Chrysene-d12	21.65	240	276628	20.00	ng		0.00
86) Perylene-d12	24.85	264	273729	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	140815	76.82	ng		0.00
7) Phenol-d6	7.19	99	218435	79.87	ng		0.00
23) Nitrobenzene-d5	9.18	82	240348	79.84	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	104738	83.95	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	576756	81.63	ng		0.00
78) Terphenyl-d14	20.00	244	1036265	82.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	33600	36.014	ng	#	69
3) Pyridine	3.91	79	89697	36.828	ng	#	80
4) n-Nitrosodimethylamine	3.83	42	35540	33.984	ng	#	74
6) Aniline	7.35	93	133658	37.705	ng		100
8) 2-Chlorophenol	7.59	128	76028	40.781	ng		96
9) Benzaldehyde	7.16	77	60620	36.125	ng		97
10) Phenol	7.22	94	110339	39.934	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	86627	40.033	ng		88
12) 1,3-Dichlorobenzene	7.91	146	89970	39.963	ng	#	95
13) 1,4-Dichlorobenzene	8.06	146	92444	40.413	ng		97
14) 1,2-Dichlorobenzene	8.38	146	89707	40.823	ng		98
15) Benzyl Alcohol	8.27	79	91982	37.037	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	69482	38.300	ng		77
17) 2-Methylphenol	8.47	107	73480	39.114	ng	#	84
18) Hexachloroethane	9.10	117	35310	40.372	ng		93
19) n-Nitroso-di-n-propylamine	8.82	70	87480	37.985	ng	#	84
20) 3+4-Methylphenols	8.79	107	105162	40.352	ng		91
22) Acetophenone	8.85	105	156229	39.950	ng	#	88
24) Nitrobenzene	9.23	77	119810	39.575	ng		97
25) Isophorone	9.75	82	214964	38.468	ng		98
26) 2-Nitrophenol	9.94	139	49083	45.650	ng	#	90
27) 2,4-Dimethylphenol	10.00	122	76297	41.921	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	127096	41.275	ng		95
29) 2,4-Dichlorophenol	10.47	162	88899	42.790	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	110241	43.273	ng		98
31) Naphthalene	10.87	128	269316	41.113	ng		98
32) Benzoic acid	10.17	122	33892m	27.662	ng		
33) 4-Chloroaniline	10.99	127	115133	40.326	ng	#	91
34) Hexachlorobutadiene	11.16	225	84176	42.373	ng		97
35) Caprolactam	11.76	113	33599	37.685	ng	#	59
36) 4-Chloro-3-methylphenol	12.11	107	119387	42.871	ng		94
37) 2-Methylnaphthalene	12.48	142	207915	42.602	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	147460	41.276	ng		99
40) Hexachlorocyclopentadiene	12.82	237	69231	36.951	ng		93

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	85736	41.037	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	98271	42.046	ng		95
45) 1,1'-Biphenyl	13.48	154	297619	40.556	ng		97
46) 2-Chloronaphthalene	13.52	162	231699	40.591	ng		99
47) 2-Nitroaniline	13.73	65	81288	40.281	ng		98
48) Acenaphthylene	14.37	152	392988	41.100	ng		96
49) Dimethylphthalate	14.10	163	338398	40.805	ng		99
50) 2,6-Dinitrotoluene	14.22	165	75586	44.758	ng		93
51) Acenaphthene	14.71	154	239018	40.128	ng		99
52) 3-Nitroaniline	14.56	138	72110	41.777	ng	#	92
53) 2,4-Dinitrophenol	14.77	184	18429m	26.057	ng		
54) Dibenzofuran	15.04	168	392934	41.479	ng		94
55) 4-Nitrophenol	14.87	139	41889	34.077	ng	#	86
56) 2,4-Dinitrotoluene	15.01	165	109080	45.023	ng	#	86
57) Fluorene	15.69	166	328093	41.323	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	89350	39.872	ng	#	93
59) Diethylphthalate	15.46	149	346127	40.590	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	195834	41.966	ng		98
61) 4-Nitroaniline	15.72	138	72942	40.399	ng	#	74
62) Azobenzene	15.98	77	325863	38.741	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	55248	38.770	ng		84
65) n-Nitrosodiphenylamine	15.90	169	302778	41.554	ng		97
66) 4-Bromophenyl-phenylether	16.58	248	125168	42.145	ng		94
67) Hexachlorobenzene	16.70	284	130988	42.828	ng		92
68) Atrazine	16.84	200	109182	36.394	ng		96
69) Pentachlorophenol	17.04	266	62580m	33.593	ng		
70) Phenanthrene	17.44	178	527328	41.283	ng		98
71) Anthracene	17.52	178	522694	41.096	ng		97
72) Carbazole	17.79	167	481082	39.828	ng		99
73) Di-n-butylphthalate	18.35	149	571938	40.069	ng	#	98
74) Fluoranthene	19.44	202	682004	39.638	ng		98
76) Benzidine	19.62	184	287499	39.532	ng		97
77) Pyrene	19.80	202	700685	40.059	ng		97
79) Butylbenzylphthalate	20.68	149	261451	41.798	ng		94
80) Benzo(a)anthracene	21.64	228	685080	39.741	ng		100
81) 3,3'-Dichlorobenzidine	21.55	252	247327	41.147	ng	#	97
82) Chrysene	21.70	228	642477	40.218	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	366537	43.103	ng	#	99
84) Di-n-octyl phthalate	22.73	149	616883	43.325	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.49	276	736365	41.635	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	659477	39.639	ng	#	95
88) Benzo(k)fluoranthene	23.90	252	673515	41.408	ng	#	97
89) Benzo(a)pyrene	24.70	252	631751	40.816	ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	626482	41.228	ng	#	94
91) Benzo(g,h,i)perylene	29.63	276	606818	40.810	ng	#	91

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

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