Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035755.D
Acq On : 19 Jul 2018 18:50
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/20/2018 11:18:27 AM

Quant Time: Jul 20 10:53:40 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 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	51115	20.00	ng		-0.01
21) Naphthalene-d8	10.84	136	194712	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	133503	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	349491	20.00	ng		0.00
75) Chrysene-d12	21.66	240	378296	20.00	ng		-0.01
86) Perylene-d12	24.87	264	372512	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	227723	73.97	ng		0.00
7) Phenol-d6	7.20	99	330655	71.98	ng		0.00
23) Nitrobenzene-d5	9.19	82	351374	75.39	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	143784	81.71	ng		-0.01
44) 2-Fluorobiphenyl	13.28	172	801104	80.39	ng		0.00
78) Terphenyl-d14	20.01	244	1364184	79.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	56556	36.092	ng	#	70
3) Pyridine	3.93	79	149495	36.544	ng	#	73
4) n-Nitrosodimethylamine	3.84	42	59545	33.900	ng	#	71
6) Aniline	7.36	93	209357	35.163	ng		98
8) 2-Chlorophenol	7.60	128	118193	37.746	ng		99
9) Benzaldehyde	7.17	77	91895	32.604	ng		93
10) Phenol	7.22	94	172420	37.153	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	136543	37.569	ng		88
12) 1,3-Dichlorobenzene	7.92	146	141878	37.521	ng		95
13) 1,4-Dichlorobenzene	8.06	146	146715	38.187	ng		94
14) 1,2-Dichlorobenzene	8.39	146	138195	37.442	ng		98
15) Benzyl Alcohol	8.27	79	142243	34.100	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	100625	33.024	ng		73
17) 2-Methylphenol	8.47	107	113977	36.123	ng	#	92
18) Hexachloroethane	9.11	117	54860	37.345	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	132078	34.145	ng	#	85
20) 3+4-Methylphenols	8.80	107	159626	36.467	ng		92
22) Acetophenone	8.85	105	237903	39.290	ng	#	89
24) Nitrobenzene	9.23	77	173959	37.111	ng		95
25) Isophorone	9.76	82	321227	37.126	ng		98
26) 2-Nitrophenol	9.95	139	70715	42.477	ng	#	88
27) 2,4-Dimethylphenol	10.00	122	111443	39.547	ng		94
28) bis(2-Chloroethoxy)methane	10.23	93	184339	38.664	ng		97
29) 2,4-Dichlorophenol	10.48	162	133932	41.635	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	159166	40.351	ng		97
31) Naphthalene	10.88	128	389685	38.420	ng		99
32) Benzoic acid	10.15	122	56196m	29.623	ng		
33) 4-Chloroaniline	11.00	127	165413	37.418	ng		97
34) Hexachlorobutadiene	11.17	225	125080	40.665	ng		96
35) Caprolactam	11.77	113	47274m	34.245	ng		
36) 4-Chloro-3-methylphenol	12.12	107	166499	38.614	ng		94
37) 2-Methylnaphthalene	12.49	142	296231	39.202	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	208783	41.435	ng		99
40) Hexachlorocyclopentadiene	12.83	237	112571	42.599	ng		95

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	127984	43.432	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	137520	41.717	ng		98
45) 1,1'-Biphenyl	13.49	154	416205	40.211	ng		98
46) 2-Chloronaphthalene	13.53	162	323898	40.231	ng		98
47) 2-Nitroaniline	13.74	65	109357	38.421	ng		90
48) Acenaphthylene	14.38	152	533814	39.582	ng		96
49) Dimethylphthalate	14.11	163	457375	39.102	ng		100
50) 2,6-Dinitrotoluene	14.23	165	99458	41.755	ng		93
51) Acenaphthene	14.72	154	325493	38.744	ng		96
52) 3-Nitroaniline	14.56	138	95807	39.354	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	13615	16.783	ng	#	59
54) Dibenzofuran	15.05	168	522405	39.099	ng		94
55) 4-Nitrophenol	14.88	139	70886	40.886	ng		93
56) 2,4-Dinitrotoluene	15.01	165	141263	41.339	ng	#	88
57) Fluorene	15.70	166	433095	38.675	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	126664	40.075	ng		93
59) Diethylphthalate	15.47	149	455060	37.835	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	258913	39.338	ng		97
61) 4-Nitroaniline	15.72	138	96921	38.059	ng	#	85
62) Azobenzene	15.98	77	429096	36.169	ng		96
64) 4,6-Dinitro-2-methylphenol	15.78	198	59061	30.358	ng		85
65) n-Nitrosodiphenylamine	15.91	169	406615	40.875	ng		96
66) 4-Bromophenyl-phenylether	16.58	248	166240	40.999	ng	#	91
67) Hexachlorobenzene	16.71	284	173627	41.582	ng		95
68) Atrazine	16.85	200	162773	39.741	ng		97
69) Pentachlorophenol	17.05	266	104849	41.225	ng		97
70) Phenanthrene	17.44	178	691104	39.630	ng		97
71) Anthracene	17.53	178	691213	39.806	ng		98
72) Carbazole	17.80	167	655746	39.765	ng		98
73) Di-n-butylphthalate	18.35	149	771724	39.601	ng	#	98
74) Fluoranthene	19.45	202	909361	38.713	ng		97
76) Benzidine	19.62	184	328964	33.077	ng		99
77) Pyrene	19.81	202	930658	38.907	ng		97
79) Butylbenzylphthalate	20.69	149	352073	41.159	ng		97
80) Benzo(a)anthracene	21.64	228	908819	38.551	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	339161	41.261	ng	#	98
82) Chrysene	21.71	228	860752	39.401	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	489771	42.116	ng		99
84) Di-n-octyl phthalate	22.74	149	833957	42.830	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	974936	40.309	ng	#	88
87) Benzo(b)fluoranthene	23.85	252	896809	39.610	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	866032	39.125	ng	#	98
89) Benzo(a)pyrene	24.72	252	823487	39.095	ng	#	98
90) Dibenzo(a,h)anthracene	28.58	278	822187	39.759	ng	#	97
91) Benzo(g,h,i)perylene	29.66	276	815052	40.279	ng	#	94

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

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