Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
Data File : BG035681.D
Acq On : 17 Jul 2018 13:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/18/2018 3:27:48 PM

Quant Time: Jul 18 03:18:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48183	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	193337	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	134534	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	356922	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	434249	20.00	ng		0.00
86) Perylene-d12	24.89	264	391347	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	232131	79.99	ng		0.00
7) Phenol-d6	7.21	99	340593	78.66	ng		0.00
23) Nitrobenzene-d5	9.20	82	357881	77.33	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	148080	83.51	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	808121	80.48	ng		-0.02
78) Terphenyl-d14	20.02	244	1605875	81.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	50235	34.01	ng	#	74
3) Pyridine	3.93	79	142973	37.08	ng	#	72
4) n-Nitrosodimethylamine	3.85	42	58556	35.37	ng	#	75
6) Aniline	7.37	93	210726	37.55	ng		100
8) 2-Chlorophenol	7.61	128	116523	39.48	ng		97
9) Benzaldehyde	7.18	77	94468	35.56	ng		92
10) Phenol	7.24	94	173652	39.70	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	131245	38.31	ng		86
12) 1,3-Dichlorobenzene	7.93	146	142613	40.01	ng		96
13) 1,4-Dichlorobenzene	8.08	146	142020	39.21	ng		97
14) 1,2-Dichlorobenzene	8.40	146	133723	38.44	ng		95
15) Benzyl Alcohol	8.28	79	146521	37.26	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.56	45	122852m	42.77	ng		
17) 2-Methylphenol	8.49	107	118162	39.73	ng		95
18) Hexachloroethane	9.12	117	53869	38.90	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	131006	35.93	ng	#	81
20) 3+4-Methylphenols	8.82	107	167283	40.54	ng		91
22) Acetophenone	8.86	105	231412	38.49	ng	#	91
24) Nitrobenzene	9.25	77	174679	37.53	ng		97
25) Isophorone	9.77	82	324437	37.76	ng		98
26) 2-Nitrophenol	9.96	139	74855	45.28	ng	#	89
27) 2,4-Dimethylphenol	10.02	122	111919	40.00	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	186135	39.32	ng		97
29) 2,4-Dichlorophenol	10.50	162	135088	42.29	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	162731	41.55	ng		99
31) Naphthalene	10.90	128	400249	39.74	ng		97
32) Benzoic acid	10.17	122	74954	39.79	ng		93
33) 4-Chloroaniline	11.01	127	174705	39.80	ng		93
34) Hexachlorobutadiene	11.18	225	124248	40.68	ng		95
35) Caprolactam	11.78	113	51442	37.53	ng	#	70
36) 4-Chloro-3-methylphenol	12.13	107	168672	39.40	ng		93
37) 2-Methylnaphthalene	12.49	142	300233	40.01	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	209373	41.23	ng		99
40) Hexachlorocyclopentadiene	12.84	237	114235	42.90	ng		93

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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	13.10	196	128676	43.33	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	145021	43.66	ng		95
45) 1,1'-Biphenyl	13.50	154	422907	40.55	ng		99
46) 2-Chloronaphthalene	13.55	162	326307	40.22	ng		96
47) 2-Nitroaniline	13.75	65	112980	39.39	ng		98
48) Acenaphthylene	14.39	152	537879	39.58	ng		98
49) Dimethylphthalate	14.12	163	460887	39.10	ng		99
50) 2,6-Dinitrotoluene	14.24	165	98910	41.21	ng		90
51) Acenaphthene	14.73	154	329503	38.92	ng		97
52) 3-Nitroaniline	14.57	138	97790	39.86	ng	#	95
53) 2,4-Dinitrophenol	14.80	184	1844	7.95	ng	#	58
54) Dibenzofuran	15.07	168	538559	40.00	ng		94
55) 4-Nitrophenol	14.89	139	72881	41.71	ng	#	86
56) 2,4-Dinitrotoluene	15.03	165	143314	41.62	ng	#	89
57) Fluorene	15.71	166	443057	39.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	126142	39.60	ng		92
59) Diethylphthalate	15.48	149	465315	38.39	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	260891	39.33	ng		97
61) 4-Nitroaniline	15.74	138	105373	41.06	ng	#	82
62) Azobenzene	15.99	77	438543	36.68	ng		95
64) 4,6-Dinitro-2-methylphenol	15.79	198	43468	21.88	ng		85
65) n-Nitrosodiphenylamine	15.92	169	414533	40.80	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	169249	40.87	ng		97
67) Hexachlorobenzene	16.72	284	174945	41.03	ng		95
68) Atrazine	16.86	200	172734	41.30	ng		93
69) Pentachlorophenol	17.06	266	90595	34.88	ng		94
70) Phenanthrene	17.45	178	701902	39.41	ng		98
71) Anthracene	17.55	178	695881	39.24	ng		98
72) Carbazole	17.82	167	663804	39.42	ng		99
73) Di-n-butylphthalate	18.37	149	773749	38.88	ng	#	98
74) Fluoranthene	19.46	202	921859	38.43	ng		97
76) Benzidine	19.64	184	349500	30.61	ng		98
77) Pyrene	19.82	202	934552	34.04	ng		97
79) Butylbenzylphthalate	20.70	149	372404	37.93	ng		98
80) Benzo(a)anthracene	21.66	228	968845	35.80	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	358088	37.95	ng	#	96
82) Chrysene	21.73	228	916888	36.56	ng		97
83) Bis(2-ethylhexyl)phthalate	21.56	149	521587	39.07	ng	#	98
84) Di-n-octyl phthalate	22.77	149	874909	39.14	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.55	276	1003715	36.15	ng	#	84
87) Benzo(b)fluoranthene	23.87	252	920771	38.71	ng	#	96
88) Benzo(k)fluoranthene	23.94	252	931832	40.07	ng	#	97
89) Benzo(a)pyrene	24.74	252	867143	39.19	ng	#	98
90) Dibenzo(a,h)anthracene	28.61	278	850052	39.13	ng	#	96
91) Benzo(g,h,i)perylene	29.70	276	832391	39.16	ng	#	94

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

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