Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
Data File : BG035838.D
Acq On : 23 Jul 2018 21:50
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/24/2018 3:05:56 PM

Quant Time: Jul 24 02:28:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38850	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	162022	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	115266	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	320180	20.00	ng		0.00
75) Chrysene-d12	21.66	240	358861	20.00	ng		0.00
86) Perylene-d12	24.86	264	343777	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	181656	77.63	ng		0.00
7) Phenol-d6	7.20	99	278135	79.67	ng		0.00
23) Nitrobenzene-d5	9.19	82	292807	75.50	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	131455	86.52	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	671614	78.06	ng		0.00
78) Terphenyl-d14	20.00	244	1266871	77.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	41812	35.107	ng	#	70
3) Pyridine	3.92	79	112597	36.214	ng	#	69
4) n-Nitrosodimethylamine	3.83	42	46092	34.525	ng	#	75
6) Aniline	7.36	93	169455	37.447	ng		97
8) 2-Chlorophenol	7.60	128	95750	40.232	ng		91
9) Benzaldehyde	7.17	77	77889	36.359	ng		98
10) Phenol	7.22	94	138152	39.167	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	106335	38.495	ng		86
12) 1,3-Dichlorobenzene	7.92	146	116436	40.514	ng		95
13) 1,4-Dichlorobenzene	8.06	146	118382	40.540	ng		94
14) 1,2-Dichlorobenzene	8.38	146	112813	40.215	ng		94
15) Benzyl Alcohol	8.27	79	118927	37.511	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	98847m	42.682	ng		
17) 2-Methylphenol	8.47	107	93158	38.845	ng	#	92
18) Hexachloroethane	9.11	117	43392	38.864	ng		90
19) n-Nitroso-di-n-propylamine	8.83	70	105322	35.824	ng	#	84
20) 3+4-Methylphenols	8.79	107	133294	40.065	ng		94
22) Acetophenone	8.85	105	185345	36.786	ng	#	91
24) Nitrobenzene	9.23	77	143017	36.666	ng		96
25) Isophorone	9.75	82	257634	35.784	ng		99
26) 2-Nitrophenol	9.94	139	59428	42.899	ng	#	87
27) 2,4-Dimethylphenol	10.00	122	91355	38.959	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	149782	37.755	ng		94
29) 2,4-Dichlorophenol	10.48	162	111237	41.557	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	133210	40.585	ng		97
31) Naphthalene	10.88	128	327754	38.834	ng		98
32) Benzoic acid	10.16	122	49983m	31.664	ng		
33) 4-Chloroaniline	10.99	127	137048	37.257	ng		96
34) Hexachlorobutadiene	11.16	225	104729	40.918	ng		97
35) Caprolactam	11.77	113	41479	36.110	ng	#	76
36) 4-Chloro-3-methylphenol	12.11	107	143794	40.077	ng		93
37) 2-Methylnaphthalene	12.48	142	248530	39.526	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	175759	40.399	ng		98
40) Hexachlorocyclopentadiene	12.82	237	84599	37.079	ng		90

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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	13.09	196	109374	42.989	ng		92
43) 2,4,5-Trichlorophenol	13.17	196	119168	41.869	ng		96
45) 1,1'-Biphenyl	13.49	154	350433	39.214	ng		99
46) 2-Chloronaphthalene	13.53	162	271594	39.072	ng		98
47) 2-Nitroaniline	13.73	65	98758	40.187	ng		97
48) Acenaphthylene	14.38	152	463038	39.766	ng		98
49) Dimethylphthalate	14.11	163	395185	39.131	ng		99
50) 2,6-Dinitrotoluene	14.22	165	87783	42.685	ng		92
51) Acenaphthene	14.72	154	284710	39.251	ng		99
52) 3-Nitroaniline	14.56	138	85032	40.454	ng	#	95
53) 2,4-Dinitrophenol	14.77	184	24958	28.240	ng	#	62
54) Dibenzofuran	15.05	168	459266	39.812	ng		93
55) 4-Nitrophenol	14.87	139	57870	38.660	ng	#	83
56) 2,4-Dinitrotoluene	15.02	165	132029	44.750	ng	#	85
57) Fluorene	15.70	166	388574	40.189	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	116606	42.730	ng	#	92
59) Diethylphthalate	15.46	149	410635	39.544	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	229179	40.329	ng		98
61) 4-Nitroaniline	15.72	138	89775	40.831	ng	#	82
62) Azobenzene	15.98	77	383218	37.413	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	70288	39.436	ng		80
65) n-Nitrosodiphenylamine	15.90	169	367897	40.368	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	151137	40.687	ng		95
67) Hexachlorobenzene	16.70	284	159528	41.703	ng		96
68) Atrazine	16.85	200	145251	38.710	ng		94
69) Pentachlorophenol	17.05	266	73939	31.733	ng		93
70) Phenanthrene	17.44	178	649645	40.663	ng		98
71) Anthracene	17.53	178	640359	40.253	ng		98
72) Carbazole	17.80	167	601406	39.808	ng		97
73) Di-n-butylphthalate	18.35	149	716262	40.120	ng	#	98
74) Fluoranthene	19.44	202	859159	39.924	ng		97
76) Benzidine	19.63	184	298449	31.634	ng		98
77) Pyrene	19.80	202	877392	38.667	ng		98
79) Butylbenzylphthalate	20.68	149	327916	40.411	ng	#	96
80) Benzo(a)anthracene	21.64	228	871044	38.950	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	313110	40.155	ng	#	99
82) Chrysene	21.71	228	806286	38.907	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	456721	41.401	ng		99
84) Di-n-octyl phthalate	22.74	149	777404	42.088	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	915182	39.888	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	843562	40.372	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	827533	40.511	ng	#	96
89) Benzo(a)pyrene	24.70	252	790966	40.690	ng	#	97
90) Dibenzo(a,h)anthracene	28.56	278	771524	40.428	ng	#	96
91) Benzo(g,h,i)perylene	29.63	276	736084	39.417	ng	#	95

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

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