Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
Data File : BG035570.D
Acq On : 3 Jul 2018 4:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
7/3/2018 12:12:09 PM

Quant Time: Jul 03 05:48:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	36883	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	144331	20.00	ng		-0.02
38) Acenaphthene-d10	14.69	164	103526	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	276776	20.00	ng		-0.02
75) Chrysene-d12	21.70	240	303363	20.00	ng		-0.02
86) Perylene-d12	24.91	264	297497	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	177151	81.06	ng		0.00
7) Phenol-d6	7.23	99	261574	81.09	ng		0.00
23) Nitrobenzene-d5	9.23	82	270808	89.19	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	125036	94.35	ng		-0.02
44) 2-Fluorobiphenyl	13.31	172	620375	77.90	ng		-0.02
78) Terphenyl-d14	20.03	244	1123945	77.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	39907	38.271	ng	#	74
3) Pyridine	3.95	79	111834	39.749	ng	#	72
4) n-Nitrosodimethylamine	3.87	42	42404	35.082	ng	#	61
6) Aniline	7.39	93	159859	38.339	ng		96
8) 2-Chlorophenol	7.63	128	89640	39.129	ng		97
9) Benzaldehyde	7.20	77	87168	35.082	ng		99
10) Phenol	7.25	94	131969	39.533	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	97276	37.544	ng		90
12) 1,3-Dichlorobenzene	7.96	146	109686	40.128	ng		95
13) 1,4-Dichlorobenzene	8.10	146	111461	39.502	ng		98
14) 1,2-Dichlorobenzene	8.42	146	107687	40.631	ng		96
15) Benzyl Alcohol	8.30	79	113019	36.976	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	92310m	35.795	ng		
17) 2-Methylphenol	8.50	107	87517	39.765	ng	#	91
18) Hexachloroethane	9.15	117	41186	40.771	ng		89
19) n-Nitroso-di-n-propylamine	8.87	70	98234	35.846	ng	#	84
20) 3+4-Methylphenols	8.83	107	123707	39.214	ng		90
22) Acetophenone	8.88	105	176935	39.575	ng	#	91
24) Nitrobenzene	9.26	77	133298	42.871	ng		92
25) Isophorone	9.79	82	236390	36.874	ng		98
26) 2-Nitrophenol	9.98	139	53179	49.619	ng	#	92
27) 2,4-Dimethylphenol	10.03	122	84771	37.631	ng		89
28) bis(2-Chloroethoxy)methane	10.27	93	134394	39.011	ng		96
29) 2,4-Dichlorophenol	10.52	162	103599	42.265	ng		91
30) 1,2,4-Trichlorobenzene	10.73	180	122635	41.724	ng		100
31) Naphthalene	10.92	128	302813	40.387	ng		98
32) Benzoic acid	10.18	122	44742m	29.652	ng		
33) 4-Chloroaniline	11.02	127	131102	40.269	ng		95
34) Hexachlorobutadiene	11.20	225	97344	42.586	ng		97
35) Caprolactam	11.80	113	37981	41.927	ng	#	69
36) 4-Chloro-3-methylphenol	12.14	107	129441	42.363	ng		91
37) 2-Methylnaphthalene	12.52	142	231645	40.750	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	166308	43.128	ng		98
40) Hexachlorocyclopentadiene	12.86	237	79356	32.817	ng		90

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
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QLast Update : Fri Jun 08 17:16:28 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	99510	43.097	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	107564m	42.443	ng		
45) 1,1'-Biphenyl	13.52	154	322933	38.793	ng		97
46) 2-Chloronaphthalene	13.57	162	249491	39.640	ng		97
47) 2-Nitroaniline	13.76	65	85545	46.028	ng		91
48) Acenaphthylene	14.41	152	420059	39.803	ng		99
49) Dimethylphthalate	14.13	163	353945	39.206	ng	#	97
50) 2,6-Dinitrotoluene	14.26	165	76190	46.261	ng		89
51) Acenaphthene	14.75	154	263750	38.250	ng		99
52) 3-Nitroaniline	14.59	138	78910	48.827	ng	#	93
53) 2,4-Dinitrophenol	14.79	184	19760	29.646	ng	#	65
54) Dibenzofuran	15.08	168	416422	40.323	ng		92
55) 4-Nitrophenol	14.89	139	54018	39.604	ng	#	83
56) 2,4-Dinitrotoluene	15.04	165	113014	51.656	ng	#	86
57) Fluorene	15.73	166	357440	41.415	ng		92
58) 2,3,4,6-Tetrachlorophenol	15.30	232	106434	43.232	ng		93
59) Diethylphthalate	15.49	149	361232	39.219	ng		96
60) 4-Chlorophenyl-phenylether	15.72	204	208506	42.367	ng		99
61) 4-Nitroaniline	15.75	138	83600	48.235	ng	#	85
62) Azobenzene	16.01	77	337214	37.361	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	54284	42.957	ng		86
65) n-Nitrosodiphenylamine	15.93	169	325038	39.105	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	140572	42.175	ng		99
67) Hexachlorobenzene	16.73	284	144231	42.515	ng		94
68) Atrazine	16.88	200	142603	40.231	ng		96
69) Pentachlorophenol	17.07	266	81974	35.934	ng		97
70) Phenanthrene	17.47	178	572917	40.749	ng		99
71) Anthracene	17.56	178	570909	40.538	ng		97
72) Carbazole	17.82	167	531431	40.669	ng		99
73) Di-n-butylphthalate	18.38	149	614422	39.450	ng		99
74) Fluoranthene	19.47	202	748180	40.895	ng		96
76) Benzidine	19.65	184	406100	35.982	ng		97
77) Pyrene	19.83	202	764279	38.216	ng		99
79) Butylbenzylphthalate	20.71	149	275632	37.955	ng		94
80) Benzo(a)anthracene	21.67	228	755666	38.980	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	275845	37.821	ng	#	99
82) Chrysene	21.74	228	694206	39.112	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	370654	36.122	ng	#	99
84) Di-n-octyl phthalate	22.78	149	624502	35.475	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	806533	38.799	ng	#	84
87) Benzo(b)fluoranthene	23.89	252	732324	39.973	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	700136	39.067	ng	#	96
89) Benzo(a)pyrene	24.77	252	682072	39.565	ng	#	96
90) Dibenzo(a,h)anthracene	28.66	278	673681	39.587	ng	#	96
91) Benzo(g,h,i)perylene	29.74	276	661191	39.700	ng	#	93

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

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