Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035499.D
Acq On : 29 Jun 2018 4:41
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/29/2018 4:14:05 PM

Quant Time: Jun 29 05:36:53 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	8.05	152	49221	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	199265	20.00	ng		-0.03
38) Acenaphthene-d10	14.68	164	147530	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	384413	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	403029	20.00	ng		-0.03
86) Perylene-d12	24.90	264	406916	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	222927	76.43	ng		-0.02
7) Phenol-d6	7.21	99	342610	79.59	ng		0.00
23) Nitrobenzene-d5	9.21	82	361317	86.19	ng		-0.03
41) 2,4,6-Tribromophenol	16.16	330	168561	89.25	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	849128	74.82	ng		-0.03
78) Terphenyl-d14	20.02	244	1394742	72.49	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	49954	35.898	ng	#	70
3) Pyridine	3.94	79	141280	37.628	ng	#	69
4) n-Nitrosodimethylamine	3.85	42	54922	34.049	ng	#	68
6) Aniline	7.38	93	212753	38.235	ng		95
8) 2-Chlorophenol	7.61	128	117120	38.309	ng		97
9) Benzaldehyde	7.19	77	108324	32.669	ng		98
10) Phenol	7.24	94	175961	39.498	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	124905	36.123	ng		89
12) 1,3-Dichlorobenzene	7.94	146	139834	38.335	ng		94
13) 1,4-Dichlorobenzene	8.08	146	143514	38.113	ng		95
14) 1,2-Dichlorobenzene	8.41	146	134952	38.154	ng		98
15) Benzyl Alcohol	8.29	79	148357	36.371	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	115200m	33.474	ng		
17) 2-Methylphenol	8.49	107	116565	39.687	ng	#	89
18) Hexachloroethane	9.14	117	51848	38.460	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	129047	35.286	ng	#	86
20) 3+4-Methylphenols	8.82	107	167589	39.808	ng		92
22) Acetophenone	8.87	105	234171	37.937	ng	#	91
24) Nitrobenzene	9.26	77	178402	41.560	ng		95
25) Isophorone	9.78	82	323300	36.528	ng		99
26) 2-Nitrophenol	9.96	139	71037	48.009	ng	#	86
27) 2,4-Dimethylphenol	10.02	122	116238	37.374	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	182091	38.285	ng		95
29) 2,4-Dichlorophenol	10.50	162	142933	42.236	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	166964	41.145	ng		98
31) Naphthalene	10.90	128	399337	38.577	ng		97
32) Benzoic acid	10.17	122	49828	23.919	ng		88
33) 4-Chloroaniline	11.01	127	178832	39.787	ng	#	92
34) Hexachlorobutadiene	11.19	225	124566	39.471	ng		93
35) Caprolactam	11.80	113	52786	42.206	ng	#	70
36) 4-Chloro-3-methylphenol	12.13	107	177994	42.194	ng		93
37) 2-Methylnaphthalene	12.51	142	317607	40.469	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	222352	40.463	ng		99
40) Hexachlorocyclopentadiene	12.85	237	113973	33.074	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	138053	41.956	ng		94
43) 2,4,5-Trichlorophenol	13.18	196	154299	42.724	ng		96
45) 1,1'-Biphenyl	13.51	154	449829	37.919	ng		98
46) 2-Chloronaphthalene	13.55	162	341192	38.041	ng		98
47) 2-Nitroaniline	13.75	65	121512	45.880	ng		94
48) Acenaphthylene	14.40	152	577646	38.409	ng		96
49) Dimethylphthalate	14.13	163	485853	37.765	ng		99
50) 2,6-Dinitrotoluene	14.25	165	106718	45.470	ng		93
51) Acenaphthene	14.74	154	357334	36.365	ng		97
52) 3-Nitroaniline	14.58	138	105114	45.641	ng	#	95
53) 2,4-Dinitrophenol	14.78	184	12971	13.656	ng	#	64
54) Dibenzofuran	15.07	168	574779	39.056	ng		93
55) 4-Nitrophenol	14.89	139	63872	32.861	ng	#	84
56) 2,4-Dinitrotoluene	15.03	165	151405	48.562	ng	#	86
57) Fluorene	15.72	166	474734	38.599	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	145899	41.585	ng		92
59) Diethylphthalate	15.49	149	493645	37.609	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	288325	41.111	ng		97
61) 4-Nitroaniline	15.74	138	104850	42.451	ng		88
62) Azobenzene	16.00	77	463697	36.051	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	51861	29.548	ng		83
65) n-Nitrosodiphenylamine	15.93	169	445757	38.613	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	191942	41.463	ng		96
67) Hexachlorobenzene	16.73	284	193918	41.156	ng		93
68) Atrazine	16.87	200	187860	38.159	ng		94
69) Pentachlorophenol	17.07	266	107544	33.943	ng		97
70) Phenanthrene	17.46	178	748586	38.335	ng		99
71) Anthracene	17.55	178	740207	37.842	ng		96
72) Carbazole	17.82	167	672400	37.049	ng		99
73) Di-n-butylphthalate	18.37	149	793949	36.703	ng	#	98
74) Fluoranthene	19.46	202	951274	37.437	ng		97
76) Benzidine	19.64	184	471412	31.440	ng		98
77) Pyrene	19.83	202	966328	36.370	ng		98
79) Butylbenzylphthalate	20.71	149	358502	37.159	ng		96
80) Benzo(a)anthracene	21.67	228	979619	38.037	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	351106	36.236	ng		97
82) Chrysene	21.73	228	893745	37.902	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	487843	35.785	ng	#	98
84) Di-n-octyl phthalate	22.78	149	851356	36.402	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1034292	37.451	ng	#	87
87) Benzo(b)fluoranthene	23.88	252	946009	37.752	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	918645	37.476	ng	#	97
89) Benzo(a)pyrene	24.76	252	901134	38.217	ng	#	97
90) Dibenzo(a,h)anthracene	28.63	278	840442	36.106	ng	#	95
91) Benzo(g,h,i)perylene	29.72	276	819043	35.954	ng	#	92

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

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