Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036183.D
Acq On : 8 Aug 2018 5:32
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
8/8/2018 5:34:39 PM

Quant Time: Aug 09 09:08:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	33362	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	132526	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	93224	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	262202	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	294519	20.00	ng	-0.02
86) Perylene-d12	24.83	264	287706	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	147976	73.64	ng	-0.01
7) Phenol-d6	7.18	99	224994	75.05	ng	-0.01
23) Nitrobenzene-d5	9.17	82	237276	74.79	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	110515	89.94	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	552086	79.34	ng	-0.02
78) Terphenyl-d14	19.98	244	1042132	78.00	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	34882	34.106	ng	# 70
3) Pyridine	3.91	79	92915	34.800	ng	# 74
4) n-Nitrosodimethylamine	3.83	42	38233	33.349	ng	# 86
6) Aniline	7.34	93	136724	35.184	ng	97
8) 2-Chlorophenol	7.58	128	77065	37.708	ng	97
9) Benzaldehyde	7.16	77	66881	36.357	ng	95
10) Phenol	7.21	94	115829	38.240	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	82752	34.885	ng	90
12) 1,3-Dichlorobenzene	7.90	146	96765	39.208	ng	96
13) 1,4-Dichlorobenzene	8.05	146	97944	39.059	ng	95
14) 1,2-Dichlorobenzene	8.37	146	92653	38.461	ng	96
15) Benzyl Alcohol	8.25	79	94165	34.587	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.54	45	75245m	37.836	ng	
17) 2-Methylphenol	8.46	107	74180	36.020	ng	# 92
18) Hexachloroethane	9.09	117	36840	38.423	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	82666	32.743	ng	# 86
20) 3+4-Methylphenols	8.79	107	105304	36.859	ng	91
22) Acetophenone	8.83	105	149787	36.346	ng	# 92
24) Nitrobenzene	9.21	77	116636	36.558	ng	96
25) Isophorone	9.73	82	201735	34.256	ng	98
26) 2-Nitrophenol	9.93	139	47348	41.786	ng	# 90
27) 2,4-Dimethylphenol	9.99	122	71285	37.166	ng	90
28) bis(2-Chloroethoxy)methane	10.21	93	114329	35.232	ng	98
29) 2,4-Dichlorophenol	10.46	162	89943	41.080	ng	90
30) 1,2,4-Trichlorobenzene	10.67	180	110546	41.176	ng	97
31) Naphthalene	10.86	128	254346	36.844	ng	98
32) Benzoic acid	10.16	122	42721m	33.087	ng	
33) 4-Chloroaniline	10.97	127	107931	35.872	ng	# 89
34) Hexachlorobutadiene	11.14	225	90673	43.311	ng	100
35) Caprolactam	11.75	113	31616m	33.649	ng	
36) 4-Chloro-3-methylphenol	12.10	107	112177	38.224	ng	97
37) 2-Methylnaphthalene	12.46	142	195840	38.078	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	142761	40.573	ng	98
40) Hexachlorocyclopentadiene	12.81	237	67185	36.409	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	85515	41.559	ng		96
43) 2,4,5-Trichlorophenol	13.15	196	95918	41.669	ng		95
45) 1,1'-Biphenyl	13.47	154	278734	38.565	ng		99
46) 2-Chloronaphthalene	13.51	162	220927	39.297	ng		97
47) 2-Nitroaniline	13.72	65	75281	37.876	ng		84
48) Acenaphthylene	14.36	152	361673	38.405	ng		98
49) Dimethylphthalate	14.09	163	311022	38.079	ng		100
50) 2,6-Dinitrotoluene	14.21	165	72283	43.458	ng		91
51) Acenaphthene	14.70	154	223311	38.066	ng		97
52) 3-Nitroaniline	14.55	138	68004	40.003	ng	#	94
53) 2,4-Dinitrophenol	14.76	184	35396	44.561	ng	#	73
54) Dibenzofuran	15.03	168	363389	38.949	ng		94
55) 4-Nitrophenol	14.87	139	42988	35.508	ng	#	83
56) 2,4-Dinitrotoluene	15.00	165	103796	43.499	ng		88
57) Fluorene	15.68	166	312278	39.935	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.26	232	91548	41.479	ng		92
59) Diethylphthalate	15.45	149	317147	37.762	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	182075	39.616	ng		93
61) 4-Nitroaniline	15.71	138	66815	37.573	ng	#	78
62) Azobenzene	15.96	77	299074	36.101	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	64797	44.394	ng		82
65) n-Nitrosodiphenylamine	15.89	169	287811	38.564	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	126485	41.580	ng		95
67) Hexachlorobenzene	16.69	284	127428	40.677	ng		95
68) Atrazine	16.84	200	103105	33.554	ng		95
69) Pentachlorophenol	17.04	266	64528	33.818	ng		93
70) Phenanthrene	17.42	178	506141	38.686	ng		98
71) Anthracene	17.51	178	509257	39.091	ng		98
72) Carbazole	17.79	167	468789	37.891	ng		98
73) Di-n-butylphthalate	18.33	149	556636	38.073	ng	#	98
74) Fluoranthene	19.43	202	682145	38.707	ng		97
76) Benzidine	19.61	184	276864	35.757	ng		100
77) Pyrene	19.79	202	699709	37.573	ng		98
79) Butylbenzylphthalate	20.67	149	265685	39.895	ng		95
80) Benzo(a)anthracene	21.62	228	695765	37.909	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	248707	38.863	ng		99
82) Chrysene	21.69	228	653145	38.403	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	360222	39.787	ng	#	98
84) Di-n-octyl phthalate	22.71	149	609285	40.192	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	728623	38.695	ng	#	86
87) Benzo(b)fluoranthene	23.81	252	664987	38.028	ng	#	96
88) Benzo(k)fluoranthene	23.89	252	651448	38.106	ng	#	97
89) Benzo(a)pyrene	24.68	252	624812	38.407	ng	#	95
90) Dibenzo(a,h)anthracene	28.51	278	619107	38.764	ng	#	96
91) Benzo(g,h,i)perylene	29.59	276	604536	38.681	ng	#	93

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

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