Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG120717\
Data File : BG031398.D
Acq On : 7 Dec 2017 14:47
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/8/2017 11:13:33 AM

Quant Time: Dec 08 10:45:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	61651	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	267943	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	176220	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	436639	20.00	ng		0.00
75) Chrysene-d12	21.77	240	464575	20.00	ng		0.00
86) Perylene-d12	25.08	264	466859	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	290443	80.78	ng		0.00
7) Phenol-d6	7.30	99	387608	80.02	ng		0.00
23) Nitrobenzene-d5	9.30	82	367979	81.38	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	174120	61.08	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	966625	78.82	ng		0.00
78) Terphenyl-d14	20.09	244	1609347	76.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	56373	38.638	ng		87
3) Pyridine	3.95	79	165208	39.004	ng		93
4) n-Nitrosodimethylamine	3.87	42	80163	39.933	ng	#	89
6) Aniline	7.45	93	246817	38.720	ng		96
8) 2-Chlorophenol	7.69	128	156179	39.363	ng		90
9) Benzaldehyde	7.27	77	109589	32.332	ng		85
10) Phenol	7.32	94	197356	39.235	ng		93
11) bis(2-Chloroethyl)ether	7.54	93	159010	39.591	ng		90
12) 1,3-Dichlorobenzene	8.02	146	183338	39.385	ng		97
13) 1,4-Dichlorobenzene	8.16	146	186630	39.564	ng		97
14) 1,2-Dichlorobenzene	8.48	146	177853	39.282	ng		97
15) Benzyl Alcohol	8.36	79	144254	37.129	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	170671	38.472	ng		91
17) 2-Methylphenol	8.58	107	134808	38.486	ng		98
18) Hexachloroethane	9.21	117	67162	40.908	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	140268	38.087	ng	#	95
20) 3+4-Methylphenols	8.90	107	191786	38.505	ng		97
22) Acetophenone	8.95	105	265159	39.745	ng	#	95
24) Nitrobenzene	9.34	77	184934	40.038	ng		93
25) Isophorone	9.86	82	340271	38.585	ng	#	94
26) 2-Nitrophenol	10.06	139	97439	40.471	ng		90
27) 2,4-Dimethylphenol	10.11	122	141504	39.589	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	223266	40.198	ng		98
29) 2,4-Dichlorophenol	10.60	162	171606	39.982	ng		89
30) 1,2,4-Trichlorobenzene	10.80	180	203870	39.784	ng		98
31) Naphthalene	10.99	128	515490	39.136	ng		99
32) Benzoic acid	10.27	122	86694	31.348	ng		89
33) 4-Chloroaniline	11.10	127	229569	39.813	ng		96
34) Hexachlorobutadiene	11.27	225	139573	39.274	ng		95
35) Caprolactam	11.88	113	60990	34.785	ng	#	75
36) 4-Chloro-3-methylphenol	12.22	107	176426	37.767	ng	#	86
37) 2-Methylnaphthalene	12.59	142	395831	38.928	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	281782	40.289	ng		98
40) Hexachlorocyclopentadiene	12.93	237	78872	37.086	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	160400	40.117	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	173377	39.632	ng	#	94
45) 1,1'-Biphenyl	13.58	154	577796	39.541	ng		97
46) 2-Chloronaphthalene	13.63	162	428019	40.597	ng		96
47) 2-Nitroaniline	13.84	65	124802	39.937	ng	#	85
48) Acenaphthylene	14.47	152	676333	39.194	ng		99
49) Dimethylphthalate	14.20	163	584471	38.360	ng		99
50) 2,6-Dinitrotoluene	14.33	165	129001	41.077	ng	#	74
51) Acenaphthene	14.82	154	422279	39.183	ng		98
52) 3-Nitroaniline	14.66	138	127822	38.332	ng	#	80
53) 2,4-Dinitrophenol	14.88	184	48884	32.085	ng	#	48
54) Dibenzofuran	15.14	168	674218	39.276	ng		99
55) 4-Nitrophenol	14.99	139	84204	35.448	ng	#	84
56) 2,4-Dinitrotoluene	15.12	165	181587	39.996	ng	#	74
57) Fluorene	15.80	166	534771	38.372	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	157506	37.777	ng	#	91
59) Diethylphthalate	15.55	149	586221	37.877	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	324605	38.566	ng		92
61) 4-Nitroaniline	15.83	138	133907	37.923	ng		91
62) Azobenzene	16.07	77	467977	39.647	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	115078	39.651	ng	#	76
65) n-Nitrosodiphenylamine	16.00	169	523895	39.595	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	205132	37.093	ng		98
67) Hexachlorobenzene	16.80	284	207885	35.378	ng		96
68) Atrazine	16.94	200	201119	36.841	ng		97
69) Pentachlorophenol	17.15	266	104388	32.137	ng		98
70) Phenanthrene	17.54	178	886610	38.999	ng		99
71) Anthracene	17.63	178	888930	39.022	ng		99
72) Carbazole	17.89	167	824368	38.622	ng		100
73) Di-n-butylphthalate	18.43	149	991143	37.819	ng		99
74) Fluoranthene	19.54	202	1126200	39.125	ng		97
76) Benzidine	19.71	184	527348	35.338	ng		98
77) Pyrene	19.90	202	1160370	42.092	ng		97
79) Butylbenzylphthalate	20.76	149	453584	41.266	ng		87
80) Benzo(a)anthracene	21.75	228	1149129	39.821	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	441434	37.895	ng		98
82) Chrysene	21.82	228	1082888	40.566	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	644074	40.593	ng		99
84) Di-n-octyl phthalate	22.85	149	1099156	42.562	ng		95
85) Indeno(1,2,3-cd)pyrene	28.89	276	1241071	38.243	ng		99
87) Benzo(b)fluoranthene	24.02	252	1131046	40.051	ng		99
88) Benzo(k)fluoranthene	24.09	252	1135771	40.575	ng		97
89) Benzo(a)pyrene	24.93	252	1074819	40.064	ng		99
90) Dibenzo(a,h)anthracene	28.93	278	1050554	38.312	ng		97
91) Benzo(g,h,i)perylene	30.07	276	1017628	38.237	ng		98

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

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