Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031316.D
Acq On : 1 Dec 2017 14:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/4/2017 11:59:58 AM

Quant Time: Dec 02 02:06:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	69539	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	302557	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	202714	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	504657	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	562680	20.00	ng		-0.02
86) Perylene-d12	25.06	264	572378	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	318221	78.47	ng		-0.02
7) Phenol-d6	7.30	99	440066	80.55	ng		-0.01
23) Nitrobenzene-d5	9.30	82	397856	77.92	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	221767	67.63	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1129541	80.06	ng		-0.02
78) Terphenyl-d14	20.09	244	1930388	75.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	66838	40.61	ng	#	80
3) Pyridine	3.95	79	186949	39.13	ng		86
4) n-Nitrosodimethylamine	3.86	42	80900	35.73	ng	#	89
6) Aniline	7.45	93	277885	38.65	ng		93
8) 2-Chlorophenol	7.69	128	180643	40.36	ng		85
9) Benzaldehyde	7.27	77	126877	33.19	ng		91
10) Phenol	7.32	94	222558	39.23	ng		89
11) bis(2-Chloroethyl)ether	7.54	93	179134	39.54	ng		87
12) 1,3-Dichlorobenzene	8.02	146	206957m	39.42	ng		
13) 1,4-Dichlorobenzene	8.16	146	211063	39.67	ng		93
14) 1,2-Dichlorobenzene	8.49	146	201270	39.41	ng		97
15) Benzyl Alcohol	8.37	79	156742	35.77	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	176524	35.28	ng		91
17) 2-Methylphenol	8.58	107	148120	37.49	ng		97
18) Hexachloroethane	9.22	117	72064	38.91	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	151260	36.41	ng	#	95
20) 3+4-Methylphenols	8.90	107	213052	37.92	ng		96
22) Acetophenone	8.95	105	300000	39.82	ng	#	92
24) Nitrobenzene	9.34	77	201210	38.58	ng	#	89
25) Isophorone	9.86	82	370507	37.21	ng	#	93
26) 2-Nitrophenol	10.06	139	112272	41.30	ng	#	86
27) 2,4-Dimethylphenol	10.11	122	160098	39.67	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	242609	38.68	ng		94
29) 2,4-Dichlorophenol	10.60	162	197462	40.74	ng		90
30) 1,2,4-Trichlorobenzene	10.80	180	240186	41.51	ng		97
31) Naphthalene	10.99	128	589864	39.66	ng		98
32) Benzoic acid	10.27	122	102046m	32.44	ng		
33) 4-Chloroaniline	11.10	127	264059	40.56	ng		95
34) Hexachlorobutadiene	11.27	225	159114	39.65	ng		96
35) Caprolactam	11.88	113	69552	35.13	ng	#	66
36) 4-Chloro-3-methylphenol	12.22	107	202159	38.32	ng	#	85
37) 2-Methylnaphthalene	12.59	142	463859	40.40	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	330894	41.13	ng	#	97
40) Hexachlorocyclopentadiene	12.93	237	96718	38.83	ng		94

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.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	13.19	196	184829	40.19	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	200213	39.79	ng	#	93
45) 1,1'-Biphenyl	13.59	154	681306	40.53	ng		99
46) 2-Chloronaphthalene	13.63	162	494794	40.80	ng		95
47) 2-Nitroaniline	13.84	65	135025	37.56	ng	#	77
48) Acenaphthylene	14.47	152	789955	39.80	ng		98
49) Dimethylphthalate	14.20	163	683414	38.99	ng		100
50) 2,6-Dinitrotoluene	14.33	165	148752	41.18	ng	#	73
51) Acenaphthene	14.82	154	499938	40.33	ng		98
52) 3-Nitroaniline	14.66	138	154543	40.29	ng	#	73
53) 2,4-Dinitrophenol	14.88	184	56787m	32.34	ng		
54) Dibenzofuran	15.14	168	785981	39.80	ng		99
55) 4-Nitrophenol	14.99	139	99339	36.35	ng	#	77
56) 2,4-Dinitrotoluene	15.12	165	213539	40.89	ng	#	72
57) Fluorene	15.80	166	643299	40.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	187287	39.05	ng	#	89
59) Diethylphthalate	15.55	149	677692	38.06	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	392504	40.54	ng		91
61) 4-Nitroaniline	15.83	138	159560	39.28	ng		85
62) Azobenzene	16.07	77	513426	37.81	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	133713	39.86	ng		78
65) n-Nitrosodiphenylamine	16.00	169	621406	40.64	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	250756	39.23	ng		97
67) Hexachlorobenzene	16.80	284	256411	37.75	ng		96
68) Atrazine	16.94	200	243639	38.61	ng		97
69) Pentachlorophenol	17.15	266	130650	34.80	ng		98
70) Phenanthrene	17.54	178	1067127	40.61	ng		98
71) Anthracene	17.63	178	1068777	40.59	ng		99
72) Carbazole	17.89	167	994034	40.29	ng		99
73) Di-n-butylphthalate	18.43	149	1164518	38.45	ng		99
74) Fluoranthene	19.54	202	1354834	40.72	ng		97
76) Benzidine	19.71	184	633360	35.04	ng		97
77) Pyrene	19.90	202	1387056	41.54	ng		96
79) Butylbenzylphthalate	20.76	149	543113	40.80	ng		85
80) Benzo(a)anthracene	21.75	228	1388555	39.73	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	541186	38.36	ng		98
82) Chrysene	21.81	228	1313114	40.61	ng		96
83) Bis(2-ethylhexyl)phthalate	21.62	149	769936	40.07	ng		99
84) Di-n-octyl phthalate	22.85	149	1295837	41.43	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1545572	39.32	ng	#	79
87) Benzo(b)fluoranthene	24.02	252	1409034	40.70	ng		98
88) Benzo(k)fluoranthene	24.09	252	1373196	40.01	ng		98
89) Benzo(a)pyrene	24.92	252	1333358	40.54	ng		98
90) Dibenzo(a,h)anthracene	28.91	278	1309914	38.96	ng		97
91) Benzo(g,h,i)perylene	30.05	276	1275030	39.08	ng		97

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

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