Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031752.D
Acq On : 23 Dec 2017 17:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/26/2017 3:31:12 PM

Quant Time: Dec 26 00:35:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	52964	20.00	ng		-0.01
21) Naphthalene-d8	11.71	136	223484	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	151771	20.00	ng		0.00
63) Phenanthrene-d10	18.19	188	373542	20.00	ng		-0.01
75) Chrysene-d12	22.56	240	409377	20.00	ng		-0.01
86) Perylene-d12	26.34	264	451834	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	227118	78.10	ng		0.00
7) Phenol-d6	7.92	99	303623	80.42	ng		0.00
23) Nitrobenzene-d5	10.03	82	255363	86.28	ng		-0.01
41) 2,4,6-Tribromophenol	16.93	330	202989	87.65	ng		-0.01
44) 2-Fluorobiphenyl	14.09	172	947030	78.32	ng		-0.01
78) Terphenyl-d14	20.73	244	1384357	77.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	37403	34.699	ng	#	69
3) Pyridine	4.35	79	113538	39.405	ng	#	74
4) n-Nitrosodimethylamine	4.25	42	44194	38.010	ng	#	79
6) Aniline	8.12	93	183688	37.816	ng		91
8) 2-Chlorophenol	8.37	128	132533	39.291	ng	#	80
9) Benzaldehyde	7.92	77	86199	37.918	ng		82
10) Phenol	7.95	94	148946	39.076	ng		95
11) bis(2-Chloroethyl)ether	8.21	93	115350	36.439	ng	#	78
12) 1,3-Dichlorobenzene	8.71	146	159839	38.159	ng	#	94
13) 1,4-Dichlorobenzene	8.86	146	164461	38.435	ng		94
14) 1,2-Dichlorobenzene	9.20	146	155605	38.379	ng		95
15) Benzyl Alcohol	9.06	79	112704	39.766	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.36	45	88077	34.166	ng		79
17) 2-Methylphenol	9.26	107	106540	39.064	ng		95
18) Hexachloroethane	9.95	117	49915	38.516	ng	#	86
19) n-Nitroso-di-n-propylamine	9.64	70	95935	37.208	ng	#	81
20) 3+4-Methylphenols	9.59	107	152335	39.300	ng		93
22) Acetophenone	9.67	105	199253	38.375	ng	#	86
24) Nitrobenzene	10.07	77	127039	41.649	ng	#	81
25) Isophorone	10.60	82	240265	37.711	ng	#	85
26) 2-Nitrophenol	10.80	139	78459	49.059	ng	#	80
27) 2,4-Dimethylphenol	10.83	122	129252	38.407	ng		91
28) bis(2-Chloroethoxy)methane	11.08	93	158031	36.967	ng	#	93
29) 2,4-Dichlorophenol	11.34	162	161144	40.788	ng		91
30) 1,2,4-Trichlorobenzene	11.57	180	188418	39.059	ng		99
31) Naphthalene	11.77	128	440349	39.043	ng		98
32) Benzoic acid	10.92	122	59804m	29.119	ng		
33) 4-Chloroaniline	11.85	127	192014	38.239	ng	#	91
34) Hexachlorobutadiene	12.03	225	131700	39.768	ng		96
35) Caprolactam	12.61	113	45901	38.329	ng	#	47
36) 4-Chloro-3-methylphenol	12.92	107	145225	39.801	ng	#	81
37) 2-Methylnaphthalene	13.32	142	355747	38.908	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	251131	39.284	ng	#	97
40) Hexachlorocyclopentadiene	13.65	237	135932	40.307	ng		89

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	152259	41.310	ng		95
43) 2,4,5-Trichlorophenol	13.97	196	170628	41.773	ng	#	91
45) 1,1'-Biphenyl	14.30	154	510417	39.376	ng		96
46) 2-Chloronaphthalene	14.35	162	385180	38.957	ng		97
47) 2-Nitroaniline	14.53	65	78687	46.079	ng	#	60
48) Acenaphthylene	15.19	152	613507	38.785	ng		99
49) Dimethylphthalate	14.89	163	511989	38.293	ng	#	98
50) 2,6-Dinitrotoluene	15.02	165	109238	44.412	ng	#	65
51) Acenaphthene	15.53	154	392530	37.890	ng		97
52) 3-Nitroaniline	15.34	138	102519	42.721	ng	#	72
53) 2,4-Dinitrophenol	15.54	184	10346	16.590	ng	#	1
54) Dibenzofuran	15.85	168	608260	38.303	ng		99
55) 4-Nitrophenol	15.61	139	73000	37.376	ng	#	73
56) 2,4-Dinitrotoluene	15.79	165	150914	47.716	ng	#	63
57) Fluorene	16.50	166	491345	38.087	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.06	232	158302	39.723	ng	#	84
59) Diethylphthalate	16.23	149	496610	38.108	ng		98
60) 4-Chlorophenyl-phenylether	16.48	204	305831	38.745	ng		91
61) 4-Nitroaniline	16.50	138	102090	43.596	ng	#	78
62) Azobenzene	16.77	77	309279	37.006	ng		82
64) 4,6-Dinitro-2-methylphenol	16.55	198	38278	25.725	ng	#	67
65) n-Nitrosodiphenylamine	16.68	169	472107	38.054	ng		99
66) 4-Bromophenyl-phenylether	17.37	248	214459	39.703	ng		94
67) Hexachlorobenzene	17.49	284	222437	40.283	ng	#	91
68) Atrazine	17.61	200	182406	37.812	ng		98
69) Pentachlorophenol	17.83	266	119328m	31.418	ng		
70) Phenanthrene	18.24	178	793549	37.538	ng		99
71) Anthracene	18.33	178	800899	37.558	ng		99
72) Carbazole	18.58	167	695658	36.858	ng		99
73) Di-n-butylphthalate	19.10	149	792924	37.803	ng		99
74) Fluoranthene	20.20	202	968465	37.337	ng		96
76) Benzidine	20.35	184	410233	32.466	ng		97
77) Pyrene	20.55	202	988706	37.809	ng		98
79) Butylbenzylphthalate	21.43	149	346945	39.523	ng	#	76
80) Benzo(a)anthracene	22.54	228	1005307	38.605	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	405342	40.147	ng	#	98
82) Chrysene	22.61	228	946099	38.398	ng		98
83) Bis(2-ethylhexyl)phthalate	22.39	149	501554	39.437	ng	#	97
84) Di-n-octyl phthalate	23.81	149	853064	39.828	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.73	276	1300907	41.155	ng	#	89
87) Benzo(b)fluoranthene	25.13	252	1097945	39.146	ng	#	97
88) Benzo(k)fluoranthene	25.21	252	1058347	37.705	ng	#	97
89) Benzo(a)pyrene	26.16	252	1032819	38.450	ng	#	96
90) Dibenzo(a,h)anthracene	30.83	278	1096854	39.537	ng	#	94
91) Benzo(g,h,i)perylene	30.73	276	1300907	39.717	ng	#	93

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

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