Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
Data File : BG026022.D
Acq On : 2 Mar 2017 10:02
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/3/2017 10:56:20 AM

Quant Time: Mar 02 15:03:19 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	121693	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	522718	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	300443	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	680382	20.00	ng		0.00
75) Chrysene-d12	21.66	240	682904	20.00	ng		-0.02
86) Perylene-d12	24.85	264	642056	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	556809	79.66	ng		-0.01
7) Phenol-d6	7.23	99	748012	72.32	ng		0.00
23) Nitrobenzene-d5	9.23	82	650935	78.59	ng		-0.01
41) 2,4,6-Tribromophenol	16.15	330	260474	93.84	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	1618897	94.15	ng		-0.01
78) Terphenyl-d14	20.00	244	2265110	80.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	127250	39.83	ng	#	79
3) Pyridine	3.94	79	355033	37.30	ng	#	70
4) n-Nitrosodimethylamine	3.84	42	112778	32.94	ng	#	23
6) Aniline	7.39	93	510696	35.51	ng	#	90
8) 2-Chlorophenol	7.64	128	317784	38.25	ng		83
9) Benzaldehyde	7.20	77	217787	35.53	ng	#	75
10) Phenol	7.26	94	399534	35.55	ng	#	73
11) bis(2-Chloroethyl)ether	7.49	93	333991	36.15	ng		86
12) 1,3-Dichlorobenzene	7.97	146	378858	39.45	ng	#	87
13) 1,4-Dichlorobenzene	8.11	146	391156m	40.21	ng		
14) 1,2-Dichlorobenzene	8.43	146	372155	38.97	ng	#	91
15) Benzyl Alcohol	8.30	79	261534	34.53	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.60	45	403267	30.08	ng		86
17) 2-Methylphenol	8.51	107	288312	35.61	ng	#	81
18) Hexachloroethane	9.16	117	128308	39.80	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	246522	32.63	ng	#	75
20) 3+4-Methylphenols	8.83	107	400708	34.73	ng		87
22) Acetophenone	8.89	105	499780	39.85	ng	#	78
24) Nitrobenzene	9.27	77	346308	38.66	ng	#	77
25) Isophorone	9.80	82	696644	38.22	ng	#	90
26) 2-Nitrophenol	9.98	139	163986	39.15	ng	#	66
27) 2,4-Dimethylphenol	10.04	122	309470	39.59	ng		89
28) bis(2-Chloroethoxy)methane	10.27	93	445119	38.53	ng		97
29) 2,4-Dichlorophenol	10.52	162	307001	41.14	ng		94
30) 1,2,4-Trichlorobenzene	10.74	180	349437	43.06	ng		97
31) Naphthalene	10.92	128	1082660	40.06	ng		99
32) Benzoic acid	10.15	122	191431	32.07	ng	#	72
33) 4-Chloroaniline	11.02	127	444331	37.85	ng	#	84
34) Hexachlorobutadiene	11.21	225	206589	44.74	ng		99
35) Caprolactam	11.78	113	117478	38.99	ng	#	66
36) 4-Chloro-3-methylphenol	12.13	107	327473	36.68	ng	#	79
37) 2-Methylnaphthalene	12.52	142	796131	38.68	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	370706	49.23	ng		99
40) Hexachlorocyclopentadiene	12.87	237	188748	45.81	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	239785	49.30	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	265134	48.02	ng		92
45) 1,1'-Biphenyl	13.51	154	1009359	46.36	ng		97
46) 2-Chloronaphthalene	13.56	162	729192	46.33	ng		98
47) 2-Nitroaniline	13.75	65	198431	39.75	ng	#	71
48) Acenaphthylene	14.40	152	1291335	46.08	ng		99
49) Dimethylphthalate	14.13	163	927411	44.99	ng		98
50) 2,6-Dinitrotoluene	14.24	165	198528	42.88	ng	#	68
51) Acenaphthene	14.74	154	818383	44.22	ng		99
52) 3-Nitroaniline	14.57	138	212349	41.00	ng	#	68
53) 2,4-Dinitrophenol	14.77	184	71446	29.49	ng		89
54) Dibenzofuran	15.07	168	1092489	44.27	ng		91
55) 4-Nitrophenol	14.87	139	152710	36.23	ng	#	44
56) 2,4-Dinitrotoluene	15.02	165	260410	41.81	ng	#	76
57) Fluorene	15.72	166	980698	44.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	224189	46.03	ng		99
59) Diethylphthalate	15.48	149	952115	44.66	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	466786	45.69	ng		93
61) 4-Nitroaniline	15.72	138	212912	39.66	ng	#	54
62) Azobenzene	16.00	77	770420	42.04	ng		83
64) 4,6-Dinitro-2-methylphenol	15.79	198	126804	31.85	ng		87
65) n-Nitrosodiphenylamine	15.92	169	822835	39.88	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	299342	41.98	ng		99
67) Hexachlorobenzene	16.72	284	320894	43.66	ng		91
68) Atrazine	16.86	200	314894	43.12	ng		96
69) Pentachlorophenol	17.06	266	185483	40.91	ng		97
70) Phenanthrene	17.45	178	1476949	39.99	ng		96
71) Anthracene	17.54	178	1528802	40.60	ng		99
72) Carbazole	17.80	167	1486466	39.30	ng		96
73) Di-n-butylphthalate	18.36	149	1686708	45.42	ng	#	94
74) Fluoranthene	19.45	202	1703017	41.88	ng		94
76) Benzidine	19.62	184	654869	30.38	ng		98
77) Pyrene	19.81	202	1747038	40.45	ng		98
79) Butylbenzylphthalate	20.68	149	774625	47.26	ng		88
80) Benzo(a)anthracene	21.63	228	1561771	39.17	ng		96
81) 3,3'-Dichlorobenzidine	21.55	252	558987	39.33	ng	#	99
82) Chrysene	21.71	228	1500573	39.14	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1156801	48.88	ng	#	98
84) Di-n-octyl phthalate	22.75	149	1943256	49.72	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	1562297	34.59	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	1509780	39.26	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	1519071	40.49	ng	#	93
89) Benzo(a)pyrene	24.71	252	1423987	39.11	ng	#	95
90) Dibenzo(a,h)anthracene	28.56	278	1303646	35.64	ng	#	93
91) Benzo(g,h,i)perylene	29.64	276	1360996	37.11	ng	#	86

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

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