Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023354.D
Acq On : 30 Jul 2016 12:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
8/1/2016 7:12:06 PM

Quant Time: Aug 01 01:41:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	158968	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	744960	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	487343	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1094609	20.00	ng		0.00
75) Chrysene-d12	21.89	240	1066038	20.00	ng		0.00
86) Perylene-d12	25.29	264	1130924	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	771884	82.89	ng		0.00
7) Phenol-d6	7.29	99	1194442	83.55	ng		0.00
23) Nitrobenzene-d5	9.32	82	1190314	78.14	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	520155	103.12	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2372013	91.10	ng		0.00
78) Terphenyl-d14	20.18	244	2783156	84.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	146715	36.74	ng	#	89
3) Pyridine	3.94	79	486929	34.84	ng		94
4) n-Nitrosodimethylamine	3.85	42	192818	30.53	ng	#	77
6) Aniline	7.46	93	799881	41.89	ng		97
8) 2-Chlorophenol	7.70	128	431561	41.54	ng		99
9) Benzaldehyde	7.26	77	321475	31.31	ng		91
10) Phenol	7.32	94	622780	41.28	ng	#	80
11) bis(2-Chloroethyl)ether	7.55	93	478147	37.29	ng		92
12) 1,3-Dichlorobenzene	8.03	146	500839m	42.78	ng		
13) 1,4-Dichlorobenzene	8.17	146	496974	41.61	ng		96
14) 1,2-Dichlorobenzene	8.49	146	485304	42.12	ng		94
15) Benzyl Alcohol	8.38	79	443056	46.05	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.67	45	730672	35.81	ng		88
17) 2-Methylphenol	8.58	107	406989	39.47	ng	#	86
18) Hexachloroethane	9.24	117	195630	39.31	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	476291	37.04	ng		96
20) 3+4-Methylphenols	8.92	107	589646	42.06	ng		92
22) Acetophenone	8.97	105	765513	39.36	ng	#	90
24) Nitrobenzene	9.36	77	648099	36.64	ng	#	89
25) Isophorone	9.88	82	1195336	37.99	ng	#	93
26) 2-Nitrophenol	10.08	139	284026	42.51	ng	#	70
27) 2,4-Dimethylphenol	10.13	122	466979	41.46	ng		88
28) bis(2-Chloroethoxy)methane	10.36	93	712507	40.36	ng		99
29) 2,4-Dichlorophenol	10.62	162	491314	45.06	ng		99
30) 1,2,4-Trichlorobenzene	10.83	180	519369	43.10	ng		96
31) Naphthalene	11.03	128	1497684	43.27	ng		98
32) Benzoic acid	10.27	122	342356	39.14	ng		90
33) 4-Chloroaniline	11.13	127	699497	43.74	ng		92
34) Hexachlorobutadiene	11.30	225	345779	43.78	ng		95
35) Caprolactam	11.91	113	185417	39.99	ng	#	87
36) 4-Chloro-3-methylphenol	12.26	107	619708	43.26	ng	#	89
37) 2-Methylnaphthalene	12.63	142	1142479m	44.51	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	735108	46.59	ng		99
40) Hexachlorocyclopentadiene	12.97	237	357330	47.79	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	437018	47.16	ng		98
43) 2,4,5-Trichlorophenol	13.32	196	449120	45.68	ng		89
45) 1,1'-Biphenyl	13.64	154	1544477	45.44	ng		94
46) 2-Chloronaphthalene	13.68	162	1206142	44.29	ng		98
47) 2-Nitroaniline	13.89	65	490953	42.61	ng		87
48) Acenaphthylene	14.53	152	1871608	44.88	ng		96
49) Dimethylphthalate	14.25	163	1459516	40.58	ng		98
50) 2,6-Dinitrotoluene	14.38	165	344229	40.87	ng	#	78
51) Acenaphthene	14.87	154	1175363	43.45	ng		99
52) 3-Nitroaniline	14.72	138	386212	45.53	ng	#	76
53) 2,4-Dinitrophenol	14.93	184	182862	37.08	ng	#	79
54) Dibenzofuran	15.20	168	1674026	43.74	ng		95
55) 4-Nitrophenol	15.03	139	275327	37.42	ng	#	85
56) 2,4-Dinitrotoluene	15.17	165	483812	40.80	ng		92
57) Fluorene	15.86	166	1435976	42.49	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	379470	45.59	ng		93
59) Diethylphthalate	15.61	149	1452202	39.42	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	763549	41.73	ng		99
61) 4-Nitroaniline	15.88	138	389125	43.75	ng	#	64
62) Azobenzene	16.14	77	1536913	40.24	ng		90
64) 4,6-Dinitro-2-methylphenol	15.94	198	288065	40.97	ng		97
65) n-Nitrosodiphenylamine	16.06	169	1329822	45.51	ng		93
66) 4-Bromophenyl-phenylether	16.75	248	518807	46.87	ng		95
67) Hexachlorobenzene	16.87	284	555698	49.94	ng		97
68) Atrazine	17.01	200	461624	41.18	ng		97
69) Pentachlorophenol	17.22	266	290877	42.35	ng		97
70) Phenanthrene	17.61	178	2157111	45.05	ng		95
71) Anthracene	17.71	178	2206447	45.61	ng		97
72) Carbazole	17.98	167	1969734	44.46	ng		99
73) Di-n-butylphthalate	18.52	149	2175216	44.00	ng		98
74) Fluoranthene	19.62	202	2394436	43.82	ng		95
76) Benzidine	19.80	184	2827432	94.30	ng	#	88
77) Pyrene	19.99	202	2430269	40.17	ng		97
79) Butylbenzylphthalate	20.86	149	1074280	40.36	ng		98
80) Benzo(a)anthracene	21.87	228	2349120	42.09	ng		98
81) 3,3'-Dichlorobenzidine	21.78	252	965337	42.66	ng	#	96
82) Chrysene	21.94	228	2236519	41.48	ng		95
83) Bis(2-ethylhexyl)phthalate	21.75	149	1508238	40.50	ng	#	99
84) Di-n-octyl phthalate	23.02	149	2539625	41.69	ng		100
85) Indeno(1,2,3-cd)pyrene	29.19	276	2894933	46.02	ng	#	100
87) Benzo(b)fluoranthene	24.21	252	2540777	42.29	ng	#	96
88) Benzo(k)fluoranthene	24.28	252	2407913	40.09	ng	#	94
89) Benzo(a)pyrene	25.13	252	2418189	41.07	ng	#	97
90) Dibenzo(a,h)anthracene	29.26	278	2493402	44.77	ng	#	90
91) Benzo(g,h,i)perylene	30.41	276	2490916	42.49	ng	#	93

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

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