Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
Data File : BG023225.D
Acq On : 22 Jul 2016 21:23
Operator : UM/SJ
Sample : H4131-21MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D-2MS

Manual Integrations APPROVED
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7/25/2016 6:48:04 PM

Quant Time: Jul 23 00:08:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	114581	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	536803	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	385461	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	964585	20.00	ng		0.02
75) Chrysene-d12	21.90	240	1009245	20.00	ng		0.02
86) Perylene-d12	25.30	264	898319	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	865652	123.56	ng		0.00
7) Phenol-d6	7.30	99	1266009	115.38	ng		0.00
23) Nitrobenzene-d5	9.32	82	999947	79.76	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	668867	96.55	ng		0.01
44) 2-Fluorobiphenyl	13.43	172	1856807	75.88	ng		0.01
78) Terphenyl-d14	20.19	244	2910856	96.15	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	96384	35.39	ng	#	68
3) Pyridine	3.96	79	317179	34.04	ng		96
4) n-Nitrosodimethylamine	3.86	42	169904	42.50	ng	#	96
6) Aniline	7.46	93	171389	11.27	ng		95
8) 2-Chlorophenol	7.71	128	329436	44.19	ng		95
9) Benzaldehyde	7.27	77	81942	11.18	ng		91
10) Phenol	7.32	94	466248	41.30	ng		92
11) bis(2-Chloroethyl)ether	7.55	93	372861	41.67	ng		91
12) 1,3-Dichlorobenzene	8.03	146	315134	34.53	ng		97
13) 1,4-Dichlorobenzene	8.18	146	317321	34.73	ng		98
14) 1,2-Dichlorobenzene	8.50	146	319871	35.22	ng		92
15) Benzyl Alcohol	8.38	79	405418	40.34	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	490069	44.83	ng		92
17) 2-Methylphenol	8.59	107	328042	44.64	ng		96
18) Hexachloroethane	9.24	117	135403	35.11	ng		89
19) n-Nitroso-di-n-propylamine	8.95	70	388418	39.27	ng		96
20) 3+4-Methylphenols	8.92	107	456937	44.58	ng		95
22) Acetophenone	8.97	105	612907	38.04	ng	#	95
24) Nitrobenzene	9.36	77	555765	41.72	ng	#	92
25) Isophorone	9.89	82	1023608	40.60	ng		97
26) 2-Nitrophenol	10.09	139	207766	39.75	ng		89
27) 2,4-Dimethylphenol	10.14	122	368278	40.76	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	564529	40.15	ng		98
29) 2,4-Dichlorophenol	10.63	162	403185	41.84	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	377867	34.22	ng		99
31) Naphthalene	11.03	128	1063590	38.92	ng		98
32) Benzoic acid	10.28	122	243656	29.64	ng		90
33) 4-Chloroaniline	11.14	127	49985	3.74	ng		93
34) Hexachlorobutadiene	11.31	225	268821	30.03	ng		97
35) Caprolactam	11.92	113	128711m	32.46	ng		
36) 4-Chloro-3-methylphenol	12.27	107	522121	39.61	ng		94
37) 2-Methylnaphthalene	12.64	142	824311	38.17	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	485745	29.24	ng		99
40) Hexachlorocyclopentadiene	12.98	237	639794	66.91	ng		98

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Quant Time: Jul 23 00:08:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	354373	37.12	ng		97
43) 2,4,5-Trichlorophenol	13.32	196	390538	39.83	ng	#	93
45) 1,1'-Biphenyl	13.64	154	1162552	40.20	ng		97
46) 2-Chloronaphthalene	13.69	162	963216	41.06	ng		97
47) 2-Nitroaniline	13.89	65	414336	41.39	ng		96
48) Acenaphthylene	14.54	152	1470728	41.79	ng		98
49) Dimethylphthalate	14.26	163	1312309	41.68	ng		97
50) 2,6-Dinitrotoluene	14.39	165	297244	42.01	ng		90
51) Acenaphthene	14.88	154	961907	41.83	ng		98
52) 3-Nitroaniline	14.72	138	65596	9.30	ng	#	88
53) 2,4-Dinitrophenol	14.93	184	402163	82.83	ng		91
54) Dibenzofuran	15.21	168	1535645	44.61	ng		98
55) 4-Nitrophenol	15.03	139	470217	79.50	ng		93
56) 2,4-Dinitrotoluene	15.17	165	445136	43.15	ng	#	97
57) Fluorene	15.87	166	1255960	42.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	399688	40.75	ng		94
59) Diethylphthalate	15.62	149	1402924	43.79	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	699307	38.75	ng		99
61) 4-Nitroaniline	15.89	138	213607	27.98	ng	#	85
62) Azobenzene	16.15	77	1551979	50.65	ng		95
64) 4,6-Dinitro-2-methylphenol	15.94	198	282828	39.45	ng		89
65) n-Nitrosodiphenylamine	16.07	169	966454	34.78	ng		96
66) 4-Bromophenyl-phenylether	16.75	248	458847	36.56	ng		95
67) Hexachlorobenzene	16.87	284	470219	34.46	ng		94
68) Atrazine	17.01	200	111361	9.03	ng		92
69) Pentachlorophenol	17.22	266	624259	70.65	ng		98
70) Phenanthrene	17.62	178	2041508	43.19	ng		96
71) Anthracene	17.71	178	2088717	43.64	ng		94
72) Carbazole	17.98	167	1445826	34.96	ng		97
73) Di-n-butylphthalate	18.52	149	2239901	48.70	ng		98
74) Fluoranthene	19.63	202	2371955	40.89	ng		96
77) Pyrene	19.99	202	2372772	41.84	ng		97
79) Butylbenzylphthalate	20.87	149	1157986	51.55	ng		98
80) Benzo(a)anthracene	21.88	228	2411454	42.71	ng		98
81) 3,3'-Dichlorobenzidine	21.79	252	87747	3.54	ng		97
82) Chrysene	21.95	228	2255953	42.59	ng		96
83) Bis(2-ethylhexyl)phthalate	21.75	149	1545180	49.54	ng	#	98
84) Di-n-octyl phthalate	23.03	149	2591271	49.81	ng		98
85) Indeno(1,2,3-cd)pyrene	29.22	276	2700864	39.99	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	2533603	48.89	ng	#	96
88) Benzo(k)fluoranthene	24.29	252	2464927	50.12	ng	#	95
89) Benzo(a)pyrene	25.14	252	2365625	47.62	ng	#	97
90) Dibenzo(a,h)anthracene	29.28	278	2318092	47.01	ng	#	93
91) Benzo(g,h,i)perylene	30.43	276	2224184	45.04	ng	#	94

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

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