Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015957.D
Acq On : 27 Jan 2015 22:34
Operator : TP/IZ
Sample : G1130-02MSD
Misc : W
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRILLCUTTINGSMSD

Manual Integrations APPROVED
apatel
1/28/2015 5:44:43 PM

Quant Time: Jan 28 03:06:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	81446	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	296248	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	249735	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	749449	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1078150	20.00	ng		0.00
86) Perylene-d12	23.52	264	1062776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	658415	120.39	ng		0.00
7) Phenol-d6	6.87	99	930108	105.53	ng		0.00
23) Nitrobenzene-d5	8.84	82	811919	79.00	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	738076	161.44	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	1580272	99.28	ng		0.00
78) Terphenyl-d14	19.71	244	3422225	93.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	83312	29.58	ng		94
3) Pyridine	3.60	79	234359	24.68	ng	#	91
4) n-Nitrosodimethylamine	3.51	42	116345	31.72	ng		85
6) Aniline	7.02	93	154232	12.15	ng		90
8) 2-Chlorophenol	7.26	128	201887	38.47	ng		88
9) Benzaldehyde	6.83	77	53334	6.64	ng		88
10) Phenol	6.90	94	332951	33.15	ng		95
11) bis(2-Chloroethyl)ether	7.12	93	269844	34.76	ng		97
12) 1,3-Dichlorobenzene	7.58	146	220176	35.45	ng		99
13) 1,4-Dichlorobenzene	7.72	146	230332	35.92	ng		90
14) 1,2-Dichlorobenzene	8.03	146	214904	34.20	ng		95
15) Benzyl Alcohol	7.93	79	335931	34.84	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.22	45	198864	31.70	ng		86
17) 2-Methylphenol	8.14	107	213981	34.38	ng		95
18) Hexachloroethane	8.76	117	110210	33.43	ng		87
19) n-Nitroso-di-n-propylamine	8.49	70	279317	31.77	ng		97
20) 3+4-Methylphenols	8.46	107	312904	38.35	ng		89
22) Acetophenone	8.51	105	410032	41.30	ng	#	92
24) Nitrobenzene	8.89	77	434356	40.18	ng		98
25) Isophorone	9.40	82	713101	39.25	ng	#	95
26) 2-Nitrophenol	9.59	139	115973	43.32	ng		88
27) 2,4-Dimethylphenol	9.66	122	216740	42.31	ng		93
28) bis(2-Chloroethoxy)methane	9.89	93	349284	39.70	ng		98
29) 2,4-Dichlorophenol	10.13	162	259201	48.46	ng		95
30) 1,2,4-Trichlorobenzene	10.34	180	272683	42.04	ng	#	92
31) Naphthalene	10.52	128	631875	41.67	ng		97
32) Benzoic acid	9.82	122	85101m	49.49	ng		
33) 4-Chloroaniline	10.64	127	19659	2.78	ng	#	70
34) Hexachlorobutadiene	10.80	225	268456	42.31	ng		99
35) Caprolactam	11.41	113	96261m	36.62	ng		
36) 4-Chloro-3-methylphenol	11.78	107	342346	43.51	ng		96
37) 2-Methylnaphthalene	12.13	142	503117	41.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	446664	46.90	ng		98
40) Hexachlorocyclopentadiene	12.49	237	577168	80.43	ng		90

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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	12.76	196	295077	52.89	ng		94
43) 2,4,5-Trichlorophenol	12.84	196	316812	50.24	ng		92
45) 1,1'-Biphenyl	13.16	154	701736	44.52	ng		97
46) 2-Chloronaphthalene	13.20	162	626516	47.07	ng	#	90
47) 2-Nitroaniline	13.42	65	280006	41.23	ng		92
48) Acenaphthylene	14.05	152	981132	48.54	ng		98
49) Dimethylphthalate	13.80	163	853783	47.51	ng		98
50) 2,6-Dinitrotoluene	13.91	165	196911	48.54	ng		97
51) Acenaphthene	14.40	154	575030	45.28	ng		94
52) 3-Nitroaniline	14.25	138	80103	20.99	ng	#	85
53) 2,4-Dinitrophenol	14.46	184	189782	66.26	ng	#	87
54) Dibenzofuran	14.73	168	987180	47.11	ng		95
55) 4-Nitrophenol	14.57	139	222690	84.80	ng	#	85
56) 2,4-Dinitrotoluene	14.71	165	297552	50.13	ng	#	78
57) Fluorene	15.38	166	910509	48.17	ng		94
58) 2,3,4,6-Tetrachlorophenol	14.97	232	354117	50.71	ng	#	95
59) Diethylphthalate	15.16	149	896819	48.88	ng		97
60) 4-Chlorophenyl-phenylether	15.38	204	607999	48.37	ng		95
61) 4-Nitroaniline	15.42	138	177522	43.85	ng	#	62
62) Azobenzene	15.67	77	1218420	41.01	ng		96
64) 4,6-Dinitro-2-methylphenol	15.47	198	188677	34.89	ng		88
65) n-Nitrosodiphenylamine	15.60	169	855859	40.03	ng		94
66) 4-Bromophenyl-phenylether	16.27	248	478286	43.70	ng		93
67) Hexachlorobenzene	16.39	284	518205	43.80	ng	#	88
68) Atrazine	16.55	200	410906	39.93	ng		99
69) Pentachlorophenol	16.74	266	442924	70.39	ng		97
70) Phenanthrene	17.12	178	1532085	40.75	ng		99
71) Anthracene	17.21	178	1578983	42.80	ng		99
72) Carbazole	17.49	167	1333938	41.01	ng		97
73) Di-n-butylphthalate	18.05	149	1573355	42.03	ng		97
74) Fluoranthene	19.14	202	2120377	42.23	ng		99
76) Benzidine	19.33	184	229028	10.25	ng	#	96
77) Pyrene	19.51	202	2137241	41.71	ng		98
79) Butylbenzylphthalate	20.41	149	773918	41.20	ng		94
80) Benzo(a)anthracene	21.25	228	2408300	43.82	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	505267	20.97	ng		99
82) Chrysene	21.31	228	2253028	42.96	ng		99
83) Bis(2-ethylhexyl)phthalate	21.18	149	1048308	41.50	ng		95
84) Di-n-octyl phthalate	22.06	149	1687884	43.19	ng	#	96
85) Indeno(1,2,3-cd)pyrene	25.82	276	2706155	42.81	ng		99
87) Benzo(b)fluoranthene	22.85	252	2486487	40.99	ng		97
88) Benzo(k)fluoranthene	22.89	252	2504626	42.65	ng		96
89) Benzo(a)pyrene	23.43	252	2446189	41.91	ng	#	99
90) Dibenzo(a,h)anthracene	25.82	278	2343289	42.29	ng		99
91) Benzo(g,h,i)perylene	26.52	276	2348791	43.45	ng		96

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

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