Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020075.D
Acq On : 10 Dec 2015 14:41
Operator : UM/SJ
Sample : G4683-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-14.5MSD

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:02:25 PM

Quant Time: Dec 11 05:37:08 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19115	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	82830	20.00	ng		-0.03
38) Acenaphthene-d10	14.74	164	57176	20.00	ng		-0.03
63) Phenanthrene-d10	17.48	188	137826	20.00	ng		-0.03
75) Chrysene-d12	21.75	240	169713	20.00	ng		-0.04
86) Perylene-d12	25.03	264	160277	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	161551	152.75	ng		-0.01
7) Phenol-d6	7.26	99	245349	153.65	ng		0.00
23) Nitrobenzene-d5	9.28	82	157531	97.06	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	122098	139.57	ng		-0.02
44) 2-Fluorobiphenyl	13.36	172	343648	82.07	ng		-0.03
78) Terphenyl-d14	20.08	244	602773	86.63	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	14980	36.36	ng	#	100
3) Pyridine	3.92	79	48481	38.74	ng	#	88
4) n-Nitrosodimethylamine	3.84	42	25870	39.31	ng		88
6) Aniline	7.43	93	45436	21.97	ng	#	85
8) 2-Chlorophenol	7.67	128	64595	50.09	ng		92
9) Benzaldehyde	7.24	77	44068	41.38	ng		95
10) Phenol	7.29	94	92954	55.31	ng		82
11) bis(2-Chloroethyl)ether	7.52	93	56866	45.69	ng		87
12) 1,3-Dichlorobenzene	8.00	146	63632	43.53	ng	#	95
13) 1,4-Dichlorobenzene	8.15	146	64749	42.89	ng	#	94
14) 1,2-Dichlorobenzene	8.46	146	64000	44.45	ng		96
15) Benzyl Alcohol	8.35	79	68012	48.54	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	85433	42.09	ng		94
17) 2-Methylphenol	8.55	107	59012	49.74	ng	#	92
18) Hexachloroethane	9.20	117	24138	42.70	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	52634	41.80	ng		93
20) 3+4-Methylphenols	8.87	107	82918	49.63	ng		91
22) Acetophenone	8.93	105	99391	43.77	ng	#	93
24) Nitrobenzene	9.32	77	83820	47.61	ng		90
25) Isophorone	9.84	82	146076	41.98	ng		97
26) 2-Nitrophenol	10.03	139	37481	55.12	ng	#	71
27) 2,4-Dimethylphenol	10.09	122	61054	43.12	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	83010	48.82	ng		100
29) 2,4-Dichlorophenol	10.57	162	75268	52.04	ng		94
30) 1,2,4-Trichlorobenzene	10.78	180	74354	45.48	ng		94
31) Naphthalene	10.98	128	207860	46.84	ng		99
32) Benzoic acid	10.13	122	4396m	10.03	ng		
33) 4-Chloroaniline	11.08	127	30460	15.58	ng	#	89
34) Hexachlorobutadiene	11.26	225	51042	42.33	ng		98
35) Caprolactam	11.86	113	24304m	45.14	ng		
36) 4-Chloro-3-methylphenol	12.19	107	85911	47.69	ng		94
37) 2-Methylnaphthalene	12.58	142	154624	47.55	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	100750	46.43	ng		99
40) Hexachlorocyclopentadiene	12.92	237	95305	77.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	70596	49.14	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	78007	51.38	ng		98
45) 1,1'-Biphenyl	13.58	154	208095	44.35	ng		99
46) 2-Chloronaphthalene	13.62	162	168042	46.46	ng		96
47) 2-Nitroaniline	13.82	65	61209	53.58	ng		87
48) Acenaphthylene	14.46	152	276300	44.85	ng		99
49) Dimethylphthalate	14.19	163	323617	62.92	ng		98
50) 2,6-Dinitrotoluene	14.31	165	50303	52.02	ng	#	78
51) Acenaphthene	14.80	154	164466	44.00	ng		99
52) 3-Nitroaniline	14.64	138	35550	35.39	ng		94
53) 2,4-Dinitrophenol	14.84	184	30688	62.00	ng		89
54) Dibenzofuran	15.14	168	276301	49.68	ng		93
55) 4-Nitrophenol	14.94	139	81155	92.75	ng	#	67
56) 2,4-Dinitrotoluene	15.10	165	70888	52.54	ng	#	96
57) Fluorene	15.78	166	218470	43.89	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	73890	52.59	ng		96
59) Diethylphthalate	15.55	149	229039	41.15	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	121498	42.51	ng		99
61) 4-Nitroaniline	15.80	138	52002	46.02	ng	#	74
62) Azobenzene	16.07	77	210695	45.49	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	34426	44.91	ng		91
65) n-Nitrosodiphenylamine	15.99	169	196165	49.18	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	79812	46.60	ng		97
67) Hexachlorobenzene	16.79	284	87909	49.28	ng		96
68) Atrazine	16.93	200	84101	48.53	ng		97
69) Pentachlorophenol	17.13	266	106392	102.18	ng		96
70) Phenanthrene	17.52	178	370635	47.53	ng		97
71) Anthracene	17.62	178	368724	46.42	ng		96
72) Carbazole	17.88	167	332994	47.59	ng		97
73) Di-n-butylphthalate	18.43	149	384868	44.88	ng		98
74) Fluoranthene	19.53	202	457865	45.91	ng		94
76) Benzidine	19.70	184	67300	12.07	ng		97
77) Pyrene	19.89	202	467585	46.83	ng		96
79) Butylbenzylphthalate	20.77	149	176625	45.13	ng		97
80) Benzo(a)anthracene	21.74	228	475968	45.82	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	96253	24.33	ng	#	97
82) Chrysene	21.80	228	431231	43.72	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	260512	45.36	ng		96
84) Di-n-octyl phthalate	22.86	149	447587	47.93	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.78	276	509488	46.89	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	471501	46.42	ng	#	95
88) Benzo(k)fluoranthene	24.06	252	441230	43.86	ng	#	94
89) Benzo(a)pyrene	24.88	252	448576	46.51	ng	#	95
90) Dibenzo(a,h)anthracene	28.85	278	420639	44.15	ng	#	93
91) Benzo(g,h,i)perylene	29.96	276	400912	42.85	ng	#	93

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

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