Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020094.D
Acq On : 11 Dec 2015 4:07
Operator : UM/SJ
Sample : PB87183BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87183BS

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:02:34 PM

Quant Time: Dec 11 06:38:00 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	18113	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	79116	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	56423	20.00	ng		-0.03
63) Phenanthrene-d10	17.48	188	142042	20.00	ng		-0.03
75) Chrysene-d12	21.76	240	171662	20.00	ng		-0.03
86) Perylene-d12	25.03	264	159070	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	134837	134.54	ng		-0.01
7) Phenol-d6	7.26	99	199568	131.89	ng		-0.01
23) Nitrobenzene-d5	9.28	82	128490	82.89	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	104103	120.59	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	319387	77.29	ng		-0.02
78) Terphenyl-d14	20.08	244	568215	80.74	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	11959	30.63	ng	#	100
3) Pyridine	3.92	79	41861	35.30	ng		89
4) n-Nitrosodimethylamine	3.83	42	20845	33.43	ng		88
6) Aniline	7.43	93	32710	16.69	ng	#	82
8) 2-Chlorophenol	7.67	128	51981	42.54	ng		95
9) Benzaldehyde	7.24	77	28990	28.73	ng		91
10) Phenol	7.29	94	70478	44.26	ng		81
11) bis(2-Chloroethyl)ether	7.52	93	45748	38.79	ng		88
12) 1,3-Dichlorobenzene	8.00	146	51753	37.36	ng	#	94
13) 1,4-Dichlorobenzene	8.14	146	53489	37.39	ng	#	94
14) 1,2-Dichlorobenzene	8.47	146	51853	38.00	ng		96
15) Benzyl Alcohol	8.34	79	52352	39.43	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	66968	34.81	ng		94
17) 2-Methylphenol	8.54	107	48747	43.36	ng	#	92
18) Hexachloroethane	9.20	117	20152	37.62	ng		89
19) n-Nitroso-di-n-propylamine	8.91	70	42406	35.54	ng		95
20) 3+4-Methylphenols	8.87	107	67439	42.60	ng		94
22) Acetophenone	8.94	105	78883	36.37	ng	#	93
24) Nitrobenzene	9.32	77	66420	39.50	ng		92
25) Isophorone	9.84	82	115899	34.87	ng		96
26) 2-Nitrophenol	10.03	139	29470	45.38	ng	#	68
27) 2,4-Dimethylphenol	10.08	122	53983	39.92	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	66181	40.75	ng		98
29) 2,4-Dichlorophenol	10.57	162	61296	44.37	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	60238	38.58	ng		96
31) Naphthalene	10.98	128	165473	39.04	ng		98
32) Benzoic acid	10.21	122	39060	43.50	ng		89
33) 4-Chloroaniline	11.08	127	18280	9.79	ng	#	94
34) Hexachlorobutadiene	11.26	225	41565	36.09	ng		99
35) Caprolactam	11.85	113	20195m	39.27	ng		
36) 4-Chloro-3-methylphenol	12.19	107	70191	40.79	ng		90
37) 2-Methylnaphthalene	12.57	142	125228	40.32	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	82290	38.43	ng		98
40) Hexachlorocyclopentadiene	12.92	237	77250	63.27	ng		99

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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)
42) 2,4,6-Trichlorophenol	13.17	196	57377	40.47	ng		98
43) 2,4,5-Trichlorophenol	13.24	196	64144	42.81	ng		97
45) 1,1'-Biphenyl	13.57	154	171760	37.09	ng		99
46) 2-Chloronaphthalene	13.62	162	139388	39.05	ng		97
47) 2-Nitroaniline	13.82	65	49079	43.54	ng		87
48) Acenaphthylene	14.46	152	231715	38.11	ng		98
49) Dimethylphthalate	14.19	163	182012	35.86	ng		98
50) 2,6-Dinitrotoluene	14.31	165	41171	43.14	ng	#	82
51) Acenaphthene	14.80	154	138517	37.55	ng		97
52) 3-Nitroaniline	14.64	138	23385	23.59	ng		97
53) 2,4-Dinitrophenol	14.84	184	34419	69.20	ng		89
54) Dibenzofuran	15.14	168	229356	41.79	ng		93
55) 4-Nitrophenol	14.94	139	66445	76.96	ng	#	66
56) 2,4-Dinitrotoluene	15.09	165	58167	43.69	ng	#	91
57) Fluorene	15.78	166	183653	37.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	60224	43.43	ng		96
59) Diethylphthalate	15.55	149	190424	34.67	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	102983	36.51	ng		96
61) 4-Nitroaniline	15.80	138	41360	37.09	ng	#	75
62) Azobenzene	16.06	77	180217	39.43	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	29475	38.34	ng		92
65) n-Nitrosodiphenylamine	15.99	169	167258	40.69	ng		95
66) 4-Bromophenyl-phenylether	16.66	248	69324	39.28	ng		97
67) Hexachlorobenzene	16.79	284	73871	40.18	ng		94
68) Atrazine	16.93	200	68545	38.38	ng		97
69) Pentachlorophenol	17.13	266	88462	82.43	ng		94
70) Phenanthrene	17.52	178	318557	39.64	ng		96
71) Anthracene	17.62	178	323286	39.49	ng		96
72) Carbazole	17.88	167	283811	39.36	ng		97
73) Di-n-butylphthalate	18.43	149	337317	38.16	ng		98
74) Fluoranthene	19.52	202	401075	39.02	ng		94
76) Benzidine	19.70	184	103128	18.29	ng		96
77) Pyrene	19.89	202	411775	40.77	ng		95
79) Butylbenzylphthalate	20.76	149	155154	39.20	ng		96
80) Benzo(a)anthracene	21.73	228	418014	39.78	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	77015	19.24	ng		98
82) Chrysene	21.80	228	375653	37.65	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	224238	38.60	ng		96
84) Di-n-octyl phthalate	22.86	149	383845	40.64	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.78	276	411902	37.48	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	390831	38.77	ng	#	93
88) Benzo(k)fluoranthene	24.06	252	385557	38.62	ng	#	94
89) Benzo(a)pyrene	24.88	252	381397	39.85	ng	#	95
90) Dibenzo(a,h)anthracene	28.85	278	345695	36.56	ng	#	91
91) Benzo(g,h,i)perylene	29.94	276	313128	33.72	ng	#	93

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

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