Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019964.D
Acq On : 6 Dec 2015 13:11
Operator : UM/NP
Sample : G4650-13MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COFF(0-2)-2MSD

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:32:23 PM

Quant Time: Dec 07 04:17:24 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	32621	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	136503	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	94181	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	235566	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	290139	20.00	ng		-0.04
86) Perylene-d12	25.04	264	276574	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	228254	126.46	ng		-0.01
7) Phenol-d6	7.26	99	337441	123.83	ng		-0.01
23) Nitrobenzene-d5	9.28	82	221968	82.99	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	154540	107.24	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	493170	71.50	ng		-0.02
78) Terphenyl-d14	20.08	244	819701	68.91	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	25633	36.46	ng	#	100
3) Pyridine	3.92	79	49726	23.29	ng	#	92
4) n-Nitrosodimethylamine	3.84	42	41047	36.55	ng		89
6) Aniline	7.43	93	81130	22.99	ng	#	83
8) 2-Chlorophenol	7.67	128	94078	42.75	ng		94
9) Benzaldehyde	7.24	77	32991	18.15	ng		90
10) Phenol	7.29	94	133559	46.57	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	87094	41.00	ng		91
12) 1,3-Dichlorobenzene	8.00	146	95240	38.18	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	96970	37.64	ng	#	95
14) 1,2-Dichlorobenzene	8.47	146	94621	38.50	ng		95
15) Benzyl Alcohol	8.35	79	99462	41.59	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	134913	38.94	ng		93
17) 2-Methylphenol	8.55	107	88489	43.70	ng	#	93
18) Hexachloroethane	9.21	117	36328	37.66	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	82454	38.37	ng	#	88
20) 3+4-Methylphenols	8.88	107	123553	43.33	ng		93
22) Acetophenone	8.94	105	145813	38.97	ng	#	93
24) Nitrobenzene	9.32	77	122732	42.30	ng		90
25) Isophorone	9.85	82	221268	38.59	ng		96
26) 2-Nitrophenol	10.04	139	54263	48.43	ng	#	71
27) 2,4-Dimethylphenol	10.09	122	99598	42.68	ng		91
28) bis(2-Chloroethoxy)methane	10.33	93	124093	44.29	ng		98
29) 2,4-Dichlorophenol	10.57	162	107405	45.06	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	106285	39.45	ng		96
31) Naphthalene	10.98	128	305649	41.80	ng		99
32) Benzoic acid	10.17	122	30518	22.98	ng		89
33) 4-Chloroaniline	11.08	127	71091	22.06	ng	#	94
34) Hexachlorobutadiene	11.26	225	72206	36.34	ng		99
35) Caprolactam	11.86	113	35582m	40.10	ng		
36) 4-Chloro-3-methylphenol	12.19	107	123306	41.53	ng		91
37) 2-Methylnaphthalene	12.58	142	226632	42.29	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	138587	38.78	ng		99
40) Hexachlorocyclopentadiene	12.93	237	145586	71.44	ng		97

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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	13.18	196	97713	41.29	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	107255	42.89	ng		95
45) 1,1'-Biphenyl	13.58	154	295748	38.26	ng		100
46) 2-Chloronaphthalene	13.63	162	240325	40.34	ng		95
47) 2-Nitroaniline	13.82	65	89064	47.33	ng		88
48) Acenaphthylene	14.47	152	400406	39.46	ng		99
49) Dimethylphthalate	14.20	163	453648	53.55	ng		98
50) 2,6-Dinitrotoluene	14.31	165	73550	46.18	ng	#	84
51) Acenaphthene	14.81	154	266377	43.26	ng		98
52) 3-Nitroaniline	14.64	138	55742	33.68	ng		99
53) 2,4-Dinitrophenol	14.84	184	51597	63.09	ng	#	84
54) Dibenzofuran	15.14	168	395523	43.18	ng		95
55) 4-Nitrophenol	14.94	139	124154	86.15	ng	#	67
56) 2,4-Dinitrotoluene	15.09	165	101324	45.59	ng	#	86
57) Fluorene	15.79	166	314411	38.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	102534	44.30	ng		97
59) Diethylphthalate	15.55	149	338117	36.88	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	172612	36.67	ng		97
61) 4-Nitroaniline	15.81	138	76600	41.16	ng	#	78
62) Azobenzene	16.07	77	320430	42.00	ng		95
64) 4,6-Dinitro-2-methylphenol	15.86	198	55736	42.86	ng		93
65) n-Nitrosodiphenylamine	15.99	169	288718	42.35	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	113156	38.66	ng		96
67) Hexachlorobenzene	16.79	284	121631	39.89	ng		99
68) Atrazine	16.93	200	122105	41.23	ng		95
69) Pentachlorophenol	17.13	266	154335	86.72	ng		97
70) Phenanthrene	17.53	178	535376	40.17	ng		97
71) Anthracene	17.62	178	545192	40.16	ng		96
72) Carbazole	17.88	167	496754	41.54	ng		98
73) Di-n-butylphthalate	18.44	149	581595	39.68	ng		98
74) Fluoranthene	19.53	202	670310	39.32	ng		94
76) Benzidine	19.71	184	130934	13.74	ng		96
77) Pyrene	19.89	202	678083	39.73	ng		97
79) Butylbenzylphthalate	20.77	149	269299	40.25	ng		99
80) Benzo(a)anthracene	21.74	228	690419	38.87	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	164940	24.39	ng		98
82) Chrysene	21.81	228	629373	37.32	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	394237	40.15	ng		97
84) Di-n-octyl phthalate	22.88	149	661774	41.46	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	753970	40.59	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	670949	38.28	ng	#	94
88) Benzo(k)fluoranthene	24.07	252	629899	36.28	ng	#	94
89) Benzo(a)pyrene	24.89	252	636981	38.28	ng	#	95
90) Dibenzo(a,h)anthracene	28.85	278	627189	38.15	ng	#	94
91) Benzo(g,h,i)perylene	29.96	276	601554	37.26	ng	#	94

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

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