Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003721.D
Acq On : 22 Dec 2015 23:02
Operator : UM/SJ
Sample : G4913-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-2MSD

Manual Integrations APPROVED
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12/23/2015 3:46:54 PM

Quant Time: Dec 23 00:43:43 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37164	20.00	ng		-0.03
21) Naphthalene-d8	10.48	136	146246	20.00	ng		-0.04
38) Acenaphthene-d10	14.34	164	74228	20.00	ng		-0.03
63) Phenanthrene-d10	17.09	188	152157	20.00	ng		-0.03
75) Chrysene-d12	21.30	240	157691	20.00	ng		-0.02
86) Perylene-d12	23.54	264	165279	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	359802	172.13	ng		-0.02
7) Phenol-d6	6.87	99	458273	157.88	ng		-0.02
23) Nitrobenzene-d5	8.85	82	275551	116.82	ng		-0.03
41) 2,4,6-Tribromophenol	15.84	330	120481	162.52	ng		-0.02
44) 2-Fluorobiphenyl	12.96	172	571817	104.96	ng		-0.03
78) Terphenyl-d14	19.73	244	586691	87.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	41136	47.43	ng	#	100
3) Pyridine	3.57	79	118893	48.93	ng		90
4) n-Nitrosodimethylamine	3.50	42	45916	59.03	ng		90
6) Aniline	7.02	93	113280	29.65	ng		97
8) 2-Chlorophenol	7.26	128	138542	52.34	ng		96
9) Benzaldehyde	6.83	77	46274	32.51	ng		98
10) Phenol	6.90	94	168135	54.59	ng	#	73
11) bis(2-Chloroethyl)ether	7.12	93	123914	49.73	ng		99
12) 1,3-Dichlorobenzene	7.58	146	145750	50.13	ng		98
13) 1,4-Dichlorobenzene	7.73	146	148609	49.57	ng		97
14) 1,2-Dichlorobenzene	8.05	146	141902	49.57	ng		96
15) Benzyl Alcohol	7.93	79	111403	55.46	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.23	45	133315	50.08	ng		93
17) 2-Methylphenol	8.14	107	110248	51.20	ng		97
18) Hexachloroethane	8.76	117	51839	50.32	ng		94
19) n-Nitroso-di-n-propylamine	8.50	70	92396	48.53	ng		90
20) 3+4-Methylphenols	8.47	107	147840	49.62	ng		97
22) Acetophenone	8.52	105	191492	53.42	ng	#	91
24) Nitrobenzene	8.89	77	142356	55.82	ng		92
25) Isophorone	9.41	82	249920	52.38	ng		96
26) 2-Nitrophenol	9.60	139	69689	54.03	ng		90
27) 2,4-Dimethylphenol	9.67	122	118695	52.85	ng		95
28) bis(2-Chloroethoxy)methane	9.90	93	155578	54.27	ng		99
29) 2,4-Dichlorophenol	10.13	162	119458	55.84	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	124073	51.94	ng		98
31) Naphthalene	10.53	128	406484	53.12	ng		100
32) Benzoic acid	9.78	122	31628	26.63	ng		98
33) 4-Chloroaniline	10.65	127	41471	13.13	ng	#	94
34) Hexachlorobutadiene	10.82	225	73344	51.78	ng		96
35) Caprolactam	11.41	113	35526m	50.23	ng		
36) 4-Chloro-3-methylphenol	11.78	107	125056	51.84	ng		88
37) 2-Methylnaphthalene	12.15	142	280049	53.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	129047	54.08	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	143693	107.95	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	87116	55.97	ng		98
43) 2,4,5-Trichlorophenol	12.84	196	93220	56.99	ng	#	90
45) 1,1'-Biphenyl	13.17	154	343430	52.17	ng		98
46) 2-Chloronaphthalene	13.22	162	260545	53.89	ng	#	92
47) 2-Nitroaniline	13.43	65	69637	58.07	ng		99
48) Acenaphthylene	14.07	152	422173	52.37	ng		99
49) Dimethylphthalate	13.81	163	452052	73.90	ng		99
50) 2,6-Dinitrotoluene	13.93	165	68613	53.76	ng		97
51) Acenaphthene	14.41	154	245284	52.51	ng		100
52) 3-Nitroaniline	14.26	138	35119	26.89	ng		85
53) 2,4-Dinitrophenol	14.47	184	56794	78.86	ng	#	83
54) Dibenzofuran	14.74	168	387158	57.39	ng		94
55) 4-Nitrophenol	14.58	139	120063	111.32	ng		79
56) 2,4-Dinitrotoluene	14.72	165	93867	56.69	ng	#	74
57) Fluorene	15.40	166	304537	54.45	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.98	232	74368	59.14	ng	#	100
59) Diethylphthalate	15.17	149	313034	52.12	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	144451	51.08	ng		92
61) 4-Nitroaniline	15.43	138	66174	49.61	ng		78
62) Azobenzene	15.69	77	285448	60.63	ng		98
64) 4,6-Dinitro-2-methylphenol	15.49	198	45171	49.21	ng		86
65) n-Nitrosodiphenylamine	15.61	169	264064	54.89	ng		99
66) 4-Bromophenyl-phenylether	16.29	248	84635	51.59	ng	#	85
67) Hexachlorobenzene	16.40	284	92296	52.36	ng	#	82
68) Atrazine	16.56	200	86172	57.44	ng		98
69) Pentachlorophenol	16.75	266	100329	99.71	ng		98
70) Phenanthrene	17.14	178	469159	54.95	ng		100
71) Anthracene	17.23	178	463513	54.64	ng		99
72) Carbazole	17.50	167	437914	59.25	ng		99
73) Di-n-butylphthalate	18.06	149	500194	57.89	ng		99
74) Fluoranthene	19.16	202	508864	57.79	ng		98
76) Benzidine	19.35	184	196688	38.93	ng		99
77) Pyrene	19.53	202	528517	47.79	ng		100
79) Butylbenzylphthalate	20.43	149	219089	51.44	ng		96
80) Benzo(a)anthracene	21.28	228	493612	52.21	ng		99
81) 3,3'-Dichlorobenzidine	21.21	252	147270	48.92	ng		98
82) Chrysene	21.33	228	451583	49.63	ng		100
83) Bis(2-ethylhexyl)phthalate	21.21	149	314819	53.90	ng		99
84) Di-n-octyl phthalate	22.09	149	546978	56.68	ng		96
85) Indeno(1,2,3-cd)pyrene	25.81	276	655499	68.56	ng	#	100
87) Benzo(b)fluoranthene	22.87	252	508241	50.59	ng		98
88) Benzo(k)fluoranthene	22.91	252	504010	51.39	ng		99
89) Benzo(a)pyrene	23.44	252	507867	53.74	ng	#	97
90) Dibenzo(a,h)anthracene	25.81	278	547645	59.35	ng		98
91) Benzo(g,h,i)perylene	26.50	276	556118	59.66	ng		99

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

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