Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022409.D
Acq On : 18 Jun 2016 5:15
Operator : UM/SJ
Sample : H3501-13MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB2-4-6MSD

Manual Integrations APPROVED
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6/20/2016 6:53:01 PM

Quant Time: Jun 20 11:44:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	25583	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	135697	20.00	ng		-0.05
38) Acenaphthene-d10	14.68	164	81474	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	176562	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	149719	20.00	ng		-0.05
86) Perylene-d12	24.93	264	133932	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	231120	174.67	ng		-0.03
7) Phenol-d6	7.23	99	350553	168.50	ng		-0.02
23) Nitrobenzene-d5	9.22	82	190932	98.10	ng		-0.04
41) 2,4,6-Tribromophenol	16.18	330	109617	119.07	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	472493	88.38	ng		-0.04
78) Terphenyl-d14	20.02	244	568608	90.16	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	21761	34.30	ng	#	74
3) Pyridine	3.83	79	14248	8.31	ng		91
4) n-Nitrosodimethylamine	3.74	42	20327	53.02	ng		90
6) Aniline	7.37	93	59334	22.45	ng	#	84
8) 2-Chlorophenol	7.61	128	95016	51.95	ng	#	80
9) Benzaldehyde	7.19	77	3765	3.29	ng		94
10) Phenol	7.26	94	119829	55.87	ng		85
11) bis(2-Chloroethyl)ether	7.46	93	80676	47.17	ng	#	77
12) 1,3-Dichlorobenzene	7.93	146	85812	43.77	ng	#	91
13) 1,4-Dichlorobenzene	8.08	146	89419	45.78	ng		92
14) 1,2-Dichlorobenzene	8.40	146	89993	45.71	ng		95
15) Benzyl Alcohol	8.30	79	68115	50.68	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	94352	53.18	ng		82
17) 2-Methylphenol	8.51	107	82600	51.61	ng	#	86
18) Hexachloroethane	9.13	117	33772	47.35	ng		84
19) n-Nitroso-di-n-propylamine	8.85	70	69619	49.44	ng	#	69
20) 3+4-Methylphenols	8.85	107	117949	51.38	ng		96
22) Acetophenone	8.88	105	135673	46.40	ng	#	84
24) Nitrobenzene	9.26	77	97695	49.91	ng	#	85
25) Isophorone	9.78	82	208738	45.84	ng		94
26) 2-Nitrophenol	9.98	139	52780	49.73	ng	#	79
27) 2,4-Dimethylphenol	10.05	122	84989	44.24	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	125320	48.04	ng		93
29) 2,4-Dichlorophenol	10.53	162	87816	49.34	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	86892	43.70	ng		94
31) Naphthalene	10.91	128	307946	45.46	ng	#	95
32) Benzoic acid	10.20	122	20299	35.74	ng		87
33) 4-Chloroaniline	11.04	127	29042	10.31	ng	#	91
34) Hexachlorobutadiene	11.18	225	45522	42.64	ng		98
35) Caprolactam	11.82	113	37048m	37.95	ng		
36) 4-Chloro-3-methylphenol	12.17	107	105526	50.03	ng		87
37) 2-Methylnaphthalene	12.51	142	225374	45.07	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	90691	43.24	ng		97
40) Hexachlorocyclopentadiene	12.85	237	56222	54.34	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	67960	48.30	ng		95
43) 2,4,5-Trichlorophenol	13.23	196	66485	42.77	ng		97
45) 1,1'-Biphenyl	13.51	154	285657	46.59	ng		94
46) 2-Chloronaphthalene	13.57	162	221599	47.15	ng		98
47) 2-Nitroaniline	13.78	65	56905	50.78	ng	#	62
48) Acenaphthylene	14.41	152	377728	45.80	ng		97
49) Dimethylphthalate	14.14	163	381710	56.50	ng		98
50) 2,6-Dinitrotoluene	14.27	165	67437	45.92	ng	#	79
51) Acenaphthene	14.75	154	224250	45.39	ng		96
52) 3-Nitroaniline	14.61	138	37604	23.09	ng	#	81
53) 2,4-Dinitrophenol	14.82	184	46839	78.36	ng	#	79
54) Dibenzofuran	15.08	168	347761	45.10	ng		99
55) 4-Nitrophenol	14.96	139	82003	72.95	ng	#	75
56) 2,4-Dinitrotoluene	15.06	165	91615	46.51	ng	#	88
57) Fluorene	15.73	166	292195	43.99	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	56959m	40.86	ng		
59) Diethylphthalate	15.49	149	313526	43.45	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	129564	43.07	ng		93
61) 4-Nitroaniline	15.78	138	57044m	33.02	ng		
62) Azobenzene	16.01	77	266935	48.85	ng		88
64) 4,6-Dinitro-2-methylphenol	15.82	198	42014	47.05	ng		87
65) n-Nitrosodiphenylamine	15.93	169	242848	47.75	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	74898	45.27	ng		98
67) Hexachlorobenzene	16.73	284	80575	41.79	ng		99
68) Atrazine	16.88	200	80942	42.99	ng		97
69) Pentachlorophenol	17.09	266	55131	64.50	ng		99
70) Phenanthrene	17.47	178	429960	44.84	ng		98
71) Anthracene	17.56	178	427122	44.91	ng		97
72) Carbazole	17.84	167	402530	44.69	ng		99
73) Di-n-butylphthalate	18.37	149	530342	45.04	ng		98
74) Fluoranthene	19.48	202	460553	41.78	ng		97
77) Pyrene	19.84	202	460321	49.46	ng		99
79) Butylbenzylphthalate	20.70	149	229281	53.12	ng		96
80) Benzo(a)anthracene	21.67	228	378916	45.13	ng		100
81) 3,3'-Dichlorobenzidine	21.59	252	52304	22.19	ng	#	98
82) Chrysene	21.74	228	366246	44.83	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	332945	52.45	ng	#	95
84) Di-n-octyl phthalate	22.76	149	546632	51.86	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.65	276	392088	42.78	ng	#	54
87) Benzo(b)fluoranthene	23.90	252	364426	46.65	ng	#	95
88) Benzo(k)fluoranthene	23.97	252	351619	45.73	ng	#	95
89) Benzo(a)pyrene	24.78	252	348466	46.66	ng	#	95
90) Dibenzo(a,h)anthracene	28.70	278	316768	45.03	ng	#	93
91) Benzo(g,h,i)perylene	29.82	276	325372	44.46	ng	#	93

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

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