Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023908.D
Acq On : 26 Aug 2016 00:14
Operator : UM/SJ
Sample : H4588-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Manual Integrations APPROVED
sohil
8/26/2016 5:56:06 PM

Quant Time: Aug 26 01:48:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	124789	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	551734	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	365466	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	790939	20.00	ng		0.00
75) Chrysene-d12	21.85	240	777567	20.00	ng		0.00
86) Perylene-d12	25.23	264	784968	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	413059	55.72	ng		0.00
7) Phenol-d6	7.26	99	402016	34.82	ng		0.00
23) Nitrobenzene-d5	9.27	82	859837	77.48	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	462441	86.51	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	1623086	74.91	ng		0.00
78) Terphenyl-d14	20.14	244	1842109	70.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	45817	14.51	ng	#	91
3) Pyridine	3.91	79	140180	13.51	ng		94
4) n-Nitrosodimethylamine	3.82	42	70051	18.20	ng	#	93
6) Aniline	7.41	93	260382	15.61	ng		96
8) 2-Chlorophenol	7.65	128	260322	30.57	ng		94
9) Benzaldehyde	7.22	77	75503	8.73	ng		93
10) Phenol	7.28	94	164560	13.32	ng		85
11) bis(2-Chloroethyl)ether	7.50	93	336956	34.20	ng		93
12) 1,3-Dichlorobenzene	7.98	146	326511	33.48	ng		94
13) 1,4-Dichlorobenzene	8.12	146	329262	32.99	ng		96
14) 1,2-Dichlorobenzene	8.45	146	317373	32.41	ng		94
15) Benzyl Alcohol	8.34	79	257014	29.38	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	481412	33.22	ng		91
17) 2-Methylphenol	8.55	107	211903	25.59	ng		92
18) Hexachloroethane	9.18	117	130397	34.71	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	334022	33.63	ng		96
20) 3+4-Methylphenols	8.88	107	266874	22.86	ng		94
22) Acetophenone	8.92	105	484854	32.10	ng	#	94
24) Nitrobenzene	9.32	77	477736	38.87	ng		91
25) Isophorone	9.83	82	882470	38.18	ng		96
26) 2-Nitrophenol	10.03	139	183152	35.31	ng	#	82
27) 2,4-Dimethylphenol	10.09	122	296095	33.53	ng		89
28) bis(2-Chloroethoxy)methane	10.32	93	497385	35.79	ng		97
29) 2,4-Dichlorophenol	10.58	162	321255	36.18	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	340158	35.52	ng		97
31) Naphthalene	10.97	128	1016443	36.18	ng		99
32) Benzoic acid	10.22	122	57901	12.61	ng		91
33) 4-Chloroaniline	11.09	127	207000	15.41	ng		94
34) Hexachlorobutadiene	11.25	225	219234	34.81	ng		96
35) Caprolactam	11.92	113	24776	6.63	ng	#	69
36) 4-Chloro-3-methylphenol	12.23	107	371644	31.85	ng		97
37) 2-Methylnaphthalene	12.58	142	753042	35.25	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	368653	27.82	ng		99
40) Hexachlorocyclopentadiene	12.92	237	221743	33.18	ng		98

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Quant Time: Aug 26 01:48:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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	13.20	196	273106	34.59	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	280406	34.50	ng		93
45) 1,1'-Biphenyl	13.59	154	904442	32.37	ng		96
46) 2-Chloronaphthalene	13.64	162	783133	36.23	ng		98
47) 2-Nitroaniline	13.85	65	342931	38.22	ng		96
48) Acenaphthylene	14.49	152	1191458	34.87	ng		98
49) Dimethylphthalate	14.22	163	1171712	41.79	ng		99
50) 2,6-Dinitrotoluene	14.35	165	232886	35.07	ng		88
51) Acenaphthene	14.83	154	785415	36.29	ng		98
52) 3-Nitroaniline	14.69	138	130276	17.40	ng	#	75
53) 2,4-Dinitrophenol	14.90	184	252183	59.25	ng		91
54) Dibenzofuran	15.16	168	1239961	39.46	ng		98
55) 4-Nitrophenol	15.03	139	142720	24.27	ng		89
56) 2,4-Dinitrotoluene	15.14	165	343845	36.89	ng	#	99
57) Fluorene	15.82	166	992737	36.20	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.40	232	266233m	35.70	ng		
59) Diethylphthalate	15.57	149	1074022	37.73	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	501175	34.54	ng		97
61) 4-Nitroaniline	15.86	138	190083	23.84	ng	#	71
62) Azobenzene	16.10	77	1183628	41.02	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	182594	33.95	ng		85
65) n-Nitrosodiphenylamine	16.03	169	903204	38.93	ng		93
66) 4-Bromophenyl-phenylether	16.71	248	339311	36.81	ng		96
67) Hexachlorobenzene	16.83	284	351823	34.88	ng		94
68) Atrazine	17.01	200	237829	26.70	ng		95
69) Pentachlorophenol	17.19	266	385910	65.63	ng		100
70) Phenanthrene	17.58	178	1527449	38.06	ng		97
71) Anthracene	17.66	178	1570428	38.90	ng		99
72) Carbazole	17.95	167	1417197	39.98	ng		99
73) Di-n-butylphthalate	18.48	149	1671705	46.82	ng		99
74) Fluoranthene	19.59	202	1674683	44.23	ng		95
77) Pyrene	19.95	202	1684173	36.60	ng		99
79) Butylbenzylphthalate	20.83	149	787764	42.07	ng		95
80) Benzo(a)anthracene	21.83	228	1654626	38.55	ng		98
82) Chrysene	21.89	228	1540513	37.72	ng		100
83) Bis(2-ethylhexyl)phthalate	21.70	149	1087898	42.43	ng		97
84) Di-n-octyl phthalate	22.96	149	1813632	41.44	ng		100
85) Indeno(1,2,3-cd)pyrene	29.12	276	1896243	37.16	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	1635197	37.02	ng	#	96
88) Benzo(k)fluoranthene	24.23	252	1607887	37.90	ng	#	97
89) Benzo(a)pyrene	25.07	252	1593757	37.94	ng	#	98
90) Dibenzo(a,h)anthracene	29.18	278	1635457	38.11	ng	#	94
91) Benzo(g,h,i)perylene	30.34	276	1590263	36.80	ng	#	92

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

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