Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021088.D
Acq On : 26 Feb 2016 21:28
Operator : UM/SJ
Sample : H1558-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3MSD

Manual Integrations APPROVED
Sohil
2/29/2016 10:21:44 AM

Quant Time: Feb 27 01:33:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5831	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	26119	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	16935	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	41624	20.00	ng		0.00
75) Chrysene-d12	21.78	240	49277	20.00	ng		0.00
86) Perylene-d12	25.07	264	45698	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	61661	185.13	ng		0.00
7) Phenol-d6	7.32	99	92381	186.40	ng		0.00
23) Nitrobenzene-d5	9.34	82	62328	113.70	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	38631	173.99	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	131204	99.14	ng		0.00
78) Terphenyl-d14	20.11	244	224970	106.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	5689	36.89	ng	#	95
3) Pyridine	4.02	79	15754	34.93	ng		96
4) n-Nitrosodimethylamine	3.93	42	9789	42.80	ng		94
6) Aniline	7.50	93	17828	29.08	ng	#	88
8) 2-Chlorophenol	7.74	128	22501	54.17	ng		98
9) Benzaldehyde	7.31	77	3798	14.15	ng		98
10) Phenol	7.35	94	29747	58.59	ng		78
11) bis(2-Chloroethyl)ether	7.59	93	18843	48.42	ng		98
12) 1,3-Dichlorobenzene	8.06	146	21010	47.52	ng	#	90
13) 1,4-Dichlorobenzene	8.21	146	20996	44.46	ng		99
14) 1,2-Dichlorobenzene	8.53	146	20860	46.65	ng		96
15) Benzyl Alcohol	8.41	79	24313	56.16	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.71	45	21526	48.24	ng		86
17) 2-Methylphenol	8.61	107	19601	54.69	ng	#	87
18) Hexachloroethane	9.26	117	8109	45.39	ng	#	84
19) n-Nitroso-di-n-propylamine	8.98	70	19975	52.25	ng		91
20) 3+4-Methylphenols	8.93	107	28033	56.42	ng		91
22) Acetophenone	8.99	105	34872	48.37	ng	#	97
24) Nitrobenzene	9.38	77	29215	51.59	ng		95
25) Isophorone	9.90	82	53515	52.08	ng	#	97
26) 2-Nitrophenol	10.09	139	12393	51.76	ng	#	73
27) 2,4-Dimethylphenol	10.14	122	22156	52.46	ng		90
28) bis(2-Chloroethoxy)methane	10.38	93	28129	56.18	ng		96
29) 2,4-Dichlorophenol	10.62	162	23399	56.60	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	22175	47.33	ng		97
31) Naphthalene	11.04	128	66409	49.50	ng		97
32) Benzoic acid	10.24	122	9836	25.36	ng	#	78
33) 4-Chloroaniline	11.13	127	6048	10.79	ng	#	93
34) Hexachlorobutadiene	11.31	225	15203	48.49	ng		95
35) Caprolactam	11.92	113	8019m	57.40	ng		
36) 4-Chloro-3-methylphenol	12.24	107	28876	56.97	ng		86
37) 2-Methylnaphthalene	12.63	142	50375	53.47	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	28956	46.27	ng		98
40) Hexachlorocyclopentadiene	12.97	237	40850	99.26	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	21599	55.03	ng		94
43) 2,4,5-Trichlorophenol	13.29	196	23332	57.86	ng		97
45) 1,1'-Biphenyl	13.62	154	66596	46.70	ng		98
46) 2-Chloronaphthalene	13.67	162	52184	48.23	ng		96
47) 2-Nitroaniline	13.86	65	20060	57.21	ng	#	82
48) Acenaphthylene	14.51	152	83854	48.98	ng		98
49) Dimethylphthalate	14.23	163	99902	68.45	ng	#	98
50) 2,6-Dinitrotoluene	14.35	165	16318	54.34	ng	#	78
51) Acenaphthene	14.85	154	54632	46.78	ng		98
52) 3-Nitroaniline	14.68	138	7553	25.85	ng	#	84
53) 2,4-Dinitrophenol	14.88	184	21038	100.49	ng		96
54) Dibenzofuran	15.18	168	80995	54.75	ng		94
55) 4-Nitrophenol	14.98	139	28813	111.18	ng	#	62
56) 2,4-Dinitrotoluene	15.13	165	23296	54.10	ng	#	90
57) Fluorene	15.82	166	70747	49.16	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	21326	60.85	ng	#	94
59) Diethylphthalate	15.59	149	77249	50.22	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	37548	47.43	ng		97
61) 4-Nitroaniline	15.84	138	17271	51.91	ng	#	53
62) Azobenzene	16.10	77	75589	56.72	ng		90
64) 4,6-Dinitro-2-methylphenol	15.89	198	15683	51.37	ng		89
65) n-Nitrosodiphenylamine	16.03	169	64976	52.91	ng		92
66) 4-Bromophenyl-phenylether	16.70	248	23911	48.79	ng		93
67) Hexachlorobenzene	16.82	284	24937	48.23	ng	#	94
68) Atrazine	16.97	200	26350	57.91	ng		98
69) Pentachlorophenol	17.16	266	36207	103.74	ng		92
70) Phenanthrene	17.56	178	112891	50.41	ng		99
71) Anthracene	17.65	178	114448	50.74	ng		99
72) Carbazole	17.91	167	106297	54.59	ng		97
73) Di-n-butylphthalate	18.47	149	132187	51.50	ng	#	98
74) Fluoranthene	19.55	202	142810	50.83	ng		95
76) Benzidine	19.73	184	32942	25.41	ng		100
77) Pyrene	19.91	202	143804	52.70	ng		100
79) Butylbenzylphthalate	20.79	149	60709	53.31	ng	#	95
80) Benzo(a)anthracene	21.76	228	143451	50.59	ng		98
81) 3,3'-Dichlorobenzidine	21.67	252	20789	18.74	ng	#	95
82) Chrysene	21.83	228	129923	47.58	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	92581	52.65	ng	#	92
84) Di-n-octyl phthalate	22.91	149	156856	53.22	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.84	276	161704	49.12	ng	#	100
87) Benzo(b)fluoranthene	24.03	252	150203	52.58	ng	#	97
88) Benzo(k)fluoranthene	24.10	252	142188	50.50	ng	#	97
89) Benzo(a)pyrene	24.92	252	140943	51.40	ng	#	94
90) Dibenzo(a,h)anthracene	28.91	278	139136	50.34	ng	#	96
91) Benzo(g,h,i)perylene	30.02	276	131689	49.46	ng		95

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

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