Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022178.D
Acq On : 6 Jun 2016 21:05
Operator : UM/SJ
Sample : H3399-18MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-15MSD

Manual Integrations APPROVED
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6/7/2016 7:27:50 PM

Quant Time: Jun 07 03:47:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28933	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	140196	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	85626	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	196083	20.00	ng		0.00
75) Chrysene-d12	21.77	240	191571	20.00	ng		0.00
86) Perylene-d12	25.06	264	182062	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	274085	183.16	ng		0.00
7) Phenol-d6	7.28	99	406860	172.93	ng		0.00
23) Nitrobenzene-d5	9.29	82	206847	102.86	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	156631	161.89	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	545046	97.01	ng		0.00
78) Terphenyl-d14	20.08	244	752813	93.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	26892	37.48	ng	#	79
3) Pyridine	3.92	79	78747	40.61	ng		99
4) n-Nitrosodimethylamine	3.84	42	21659	49.96	ng	#	96
6) Aniline	7.44	93	116606	39.01	ng	#	82
8) 2-Chlorophenol	7.69	128	114726	55.47	ng	#	80
9) Benzaldehyde	7.26	77	6955	5.37	ng	#	79
10) Phenol	7.31	94	141039	58.14	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	97111	50.21	ng	#	71
12) 1,3-Dichlorobenzene	8.01	146	105503	47.59	ng	#	93
13) 1,4-Dichlorobenzene	8.16	146	108527	49.13	ng		92
14) 1,2-Dichlorobenzene	8.47	146	105976	47.59	ng		94
15) Benzyl Alcohol	8.36	79	75720	49.81	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.65	45	94496	47.09	ng		80
17) 2-Methylphenol	8.57	107	96044	53.06	ng	#	84
18) Hexachloroethane	9.20	117	38088	47.22	ng	#	75
19) n-Nitroso-di-n-propylamine	8.93	70	76159	47.82	ng	#	70
20) 3+4-Methylphenols	8.90	107	137953	53.13	ng		94
22) Acetophenone	8.95	105	156577	51.83	ng	#	79
24) Nitrobenzene	9.33	77	107499	53.16	ng	#	84
25) Isophorone	9.85	82	227129	48.28	ng	#	92
26) 2-Nitrophenol	10.05	139	59736	54.48	ng	#	76
27) 2,4-Dimethylphenol	10.11	122	108960	54.90	ng		89
28) bis(2-Chloroethoxy)methane	10.33	93	142052	52.70	ng		92
29) 2,4-Dichlorophenol	10.59	162	111645	60.72	ng		94
30) 1,2,4-Trichlorobenzene	10.80	180	105015	51.12	ng		95
31) Naphthalene	10.99	128	348310	49.77	ng	#	95
32) Benzoic acid	10.11	122	108960	104.94	ng	#	8
33) 4-Chloroaniline	11.10	127	92464	31.78	ng	#	88
34) Hexachlorobutadiene	11.26	225	55399	50.23	ng		95
35) Caprolactam	11.87	113	46742m	46.34	ng		
36) 4-Chloro-3-methylphenol	12.22	107	120169	55.14	ng	#	85
37) 2-Methylnaphthalene	12.59	142	249746	48.34	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	112025	50.82	ng		99
40) Hexachlorocyclopentadiene	12.92	237	109822	96.59	ng		98

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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	13.19	196	84073	56.86	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	91305	55.89	ng	#	93
45) 1,1'-Biphenyl	13.58	154	327666	50.85	ng		96
46) 2-Chloronaphthalene	13.63	162	260652	52.77	ng		96
47) 2-Nitroaniline	13.84	65	63949	54.29	ng	#	55
48) Acenaphthylene	14.47	152	440688	50.85	ng		97
49) Dimethylphthalate	14.20	163	423500	59.65	ng		100
50) 2,6-Dinitrotoluene	14.32	165	81916	53.08	ng	#	75
51) Acenaphthene	14.81	154	260607	50.19	ng		96
52) 3-Nitroaniline	14.66	138	63755	37.24	ng	#	79
53) 2,4-Dinitrophenol	14.87	184	31806	54.50	ng	#	74
54) Dibenzofuran	15.15	168	412495	50.90	ng		97
55) 4-Nitrophenol	14.98	139	135103	114.36	ng	#	68
56) 2,4-Dinitrotoluene	15.11	165	115296	55.69	ng	#	82
57) Fluorene	15.79	166	348480	49.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	82421	56.25	ng		98
59) Diethylphthalate	15.55	149	376913	49.70	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	160848	50.88	ng		90
61) 4-Nitroaniline	15.82	138	90925	50.08	ng	#	78
62) Azobenzene	16.07	77	290335	50.55	ng		87
64) 4,6-Dinitro-2-methylphenol	15.88	198	50584	50.55	ng	#	79
65) n-Nitrosodiphenylamine	15.99	169	299817	53.08	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	95531	51.99	ng		94
67) Hexachlorobenzene	16.80	284	106919	49.93	ng		94
68) Atrazine	16.94	200	109597	52.42	ng		98
69) Pentachlorophenol	17.14	266	103530	104.39	ng		96
70) Phenanthrene	17.53	178	535693	50.30	ng		98
71) Anthracene	17.63	178	536586	50.80	ng		98
72) Carbazole	17.90	167	524795	52.46	ng		98
73) Di-n-butylphthalate	18.43	149	658163	50.33	ng		98
74) Fluoranthene	19.54	202	616067	50.32	ng		97
76) Benzidine	19.72	184	221901	44.29	ng		95
77) Pyrene	19.90	202	611533	51.35	ng		99
79) Butylbenzylphthalate	20.76	149	285144	51.63	ng		91
80) Benzo(a)anthracene	21.75	228	543880	50.63	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	99280	32.92	ng	#	98
82) Chrysene	21.82	228	519611	49.71	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	423571	52.15	ng		97
84) Di-n-octyl phthalate	22.86	149	714577	52.99	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.83	276	607534	51.81	ng	#	87
87) Benzo(b)fluoranthene	24.01	252	535251	50.41	ng	#	97
88) Benzo(k)fluoranthene	24.08	252	541592	51.81	ng	#	96
89) Benzo(a)pyrene	24.91	252	521204	51.34	ng	#	96
90) Dibenzo(a,h)anthracene	28.90	278	502302	52.53	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	506135	50.88	ng	#	95

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

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