Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089461.D
Acq On : 30 Jul 2016 19:16
Operator : UM/SJ
Sample : H4284-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-SLOPE(0-4)GMS

Manual Integrations APPROVED
sohil
8/1/2016 7:18:14 PM

Quant Time: Aug 01 05:03:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 04:11:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	48722	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	198357	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	87163	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	156068	20.00	ng		0.00
75) Chrysene-d12	13.62	240	84048	20.00	ng		0.00
86) Perylene-d12	14.95	264	83439	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	460376	150.87	ng		0.02
7) Phenol-d6	6.17	99	548185	135.94	ng		0.00
23) Nitrobenzene-d5	7.08	82	364065	108.34	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	84102	116.50	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	516209	86.91	ng		0.00
78) Terphenyl-d14	12.58	244	367487	102.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	52700	37.94	ng	#	90
3) Pyridine	2.55	79	101475	33.99	ng		97
4) n-Nitrosodimethylamine	2.52	42	60994	49.36	ng		96
6) Aniline	6.17	93	183890	42.23	ng		96
8) 2-Chlorophenol	6.30	128	174951	50.69	ng		94
9) Benzaldehyde	6.04	77	91191	46.31	ng		99
10) Phenol	6.18	94	221438	49.76	ng		99
11) bis(2-Chloroethyl)ether	6.25	93	180578	47.76	ng		91
12) 1,3-Dichlorobenzene	6.44	146	163414m	45.26	ng		
13) 1,4-Dichlorobenzene	6.52	146	176987	44.42	ng		94
14) 1,2-Dichlorobenzene	6.67	146	185296	49.64	ng		97
15) Benzyl Alcohol	6.66	79	148354	59.28	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.80	45	191742	46.50	ng		98
17) 2-Methylphenol	6.79	107	133843	50.17	ng		98
18) Hexachloroethane	7.00	117	66933	43.82	ng		95
19) n-Nitroso-di-n-propylamine	6.95	70	136129	55.98	ng		99
20) 3+4-Methylphenols	6.95	107	183540	53.57	ng		90
22) Acetophenone	6.94	105	235757	49.92	ng	#	98
24) Nitrobenzene	7.10	77	180261	47.13	ng		91
25) Isophorone	7.35	82	361306	53.37	ng		99
26) 2-Nitrophenol	7.42	139	94455	55.24	ng		92
27) 2,4-Dimethylphenol	7.47	122	153829	56.47	ng		99
28) bis(2-Chloroethoxy)methane	7.56	93	235185	62.76	ng		98
29) 2,4-Dichlorophenol	7.67	162	142737	57.50	ng		96
30) 1,2,4-Trichlorobenzene	7.74	180	145612	51.41	ng		96
31) Naphthalene	7.82	128	489816	49.87	ng		100
32) Benzoic acid	7.61	122	28361	14.94	ng		95
33) 4-Chloroaniline	7.87	127	143496	38.37	ng	#	94
34) Hexachlorobutadiene	7.93	225	70768	43.63	ng		99
35) Caprolactam	8.26	113	37946m	50.65	ng		
36) 4-Chloro-3-methylphenol	8.38	107	165970	56.26	ng		99
37) 2-Methylnaphthalene	8.50	142	319077	53.91	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	126577	41.50	ng		98
40) Hexachlorocyclopentadiene	8.65	237	76903	87.51	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	88295	60.88	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	102172	55.62	ng	#	91
45) 1,1'-Biphenyl	8.97	154	350161	47.18	ng		95
46) 2-Chloronaphthalene	8.98	162	285335	51.20	ng		98
47) 2-Nitroaniline	9.10	65	100796	61.07	ng	#	81
48) Acenaphthylene	9.39	152	438635	49.96	ng		99
49) Dimethylphthalate	9.28	163	424245	63.95	ng		98
50) 2,6-Dinitrotoluene	9.35	165	78638	57.69	ng	#	79
51) Acenaphthene	9.56	154	250515	48.87	ng		100
52) 3-Nitroaniline	9.51	138	62342	43.34	ng	#	78
53) 2,4-Dinitrophenol	9.63	184	24804	49.88	ng		90
54) Dibenzofuran	9.74	168	380006	54.40	ng		96
55) 4-Nitrophenol	9.70	139	83889m	116.68	ng		
56) 2,4-Dinitrotoluene	9.75	165	103583	57.73	ng	#	79
57) Fluorene	10.08	166	313170	51.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	73048	59.56	ng	#	99
59) Diethylphthalate	9.98	149	349178	51.92	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	142868	51.08	ng		92
61) 4-Nitroaniline	10.12	138	71787	48.42	ng		94
62) Azobenzene	10.24	77	384071	55.45	ng		88
64) 4,6-Dinitro-2-methylphenol	10.16	198	38150	41.18	ng		91
65) n-Nitrosodiphenylamine	10.20	169	289810	59.51	ng		99
66) 4-Bromophenyl-phenylether	10.56	248	81317	54.57	ng	#	85
67) Hexachlorobenzene	10.63	284	78568	51.45	ng	#	70
68) Atrazine	10.73	200	79543	53.17	ng		95
69) Pentachlorophenol	10.82	266	64969	87.23	ng		99
70) Phenanthrene	11.03	178	409454	50.87	ng		99
71) Anthracene	11.08	178	435778	48.70	ng		100
72) Carbazole	11.24	167	397423	52.75	ng		99
73) Di-n-butylphthalate	11.59	149	489874	48.47	ng	#	98
74) Fluoranthene	12.21	202	377059	44.53	ng		99
76) Benzidine	12.34	184	130201	41.92	ng		96
77) Pyrene	12.42	202	342849	53.82	ng		99
79) Butylbenzylphthalate	13.06	149	156055	53.89	ng		97
80) Benzo(a)anthracene	13.61	228	245719	51.81	ng		100
81) 3,3'-Dichlorobenzidine	13.59	252	71842	42.09	ng		98
82) Chrysene	13.65	228	232170	45.99	ng		100
83) Bis(2-ethylhexyl)phthalate	13.62	149	211499	50.52	ng		100
84) Di-n-octyl phthalate	14.24	149	356670	54.60	ng		99
85) Indeno(1,2,3-cd)pyrene	16.14	276	277108	77.20	ng		99
87) Benzo(b)fluoranthene	14.61	252	213336m	41.17	ng		
88) Benzo(k)fluoranthene	14.63	252	230450m	48.37	ng		
89) Benzo(a)pyrene	14.90	252	228845	49.23	ng		97
90) Dibenzo(a,h)anthracene	16.14	278	236045	64.46	ng		99
91) Benzo(g,h,i)perylene	16.48	276	232489	64.59	ng		97

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

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