Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085480.D
Acq On : 16 Mar 2016 23:55
Operator : UM/SJ
Sample : H1757-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2MS

Manual Integrations APPROVED
Sohil
3/17/2016 5:20:08 PM

Quant Time: Mar 17 00:39:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	140036	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	543119	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	252639	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	468394	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	255403	20.00	ng		-0.01
86) Perylene-d12	15.51	264	221130	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1070033	131.35	ng		0.01
7) Phenol-d6	6.54	99	1445747	136.81	ng		-0.01
23) Nitrobenzene-d5	7.48	82	1078844	117.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	399324	171.61	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	1678565	115.27	ng		-0.01
78) Terphenyl-d14	13.02	244	1565719	138.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	163919	40.32	ng	#	82
3) Pyridine	3.44	79	371396	38.49	ng		97
4) n-Nitrosodimethylamine	3.36	42	197858	44.40	ng		93
6) Aniline	6.57	93	130322	8.93	ng		98
8) 2-Chlorophenol	6.69	128	449335	47.04	ng		92
9) Benzaldehyde	6.45	77	71715	12.15	ng		98
10) Phenol	6.55	94	432132	36.48	ng		93
11) bis(2-Chloroethyl)ether	6.64	93	436027	47.87	ng		96
12) 1,3-Dichlorobenzene	6.85	146	504202	47.63	ng		98
13) 1,4-Dichlorobenzene	6.92	146	484427	45.68	ng		98
14) 1,2-Dichlorobenzene	7.08	146	481884	51.78	ng		99
15) Benzyl Alcohol	7.05	79	400222	53.03	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	578543	46.64	ng		96
17) 2-Methylphenol	7.16	107	390811	48.87	ng		96
18) Hexachloroethane	7.42	117	187046	48.08	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	334334	52.83	ng		99
20) 3+4-Methylphenols	7.32	107	456766	53.28	ng	#	80
22) Acetophenone	7.32	105	582382	43.76	ng		95
24) Nitrobenzene	7.49	77	460438	44.49	ng		100
25) Isophorone	7.73	82	922329	49.24	ng		99
26) 2-Nitrophenol	7.81	139	273793	55.22	ng	#	85
27) 2,4-Dimethylphenol	7.84	122	418320	47.43	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	568124	50.73	ng		99
29) 2,4-Dichlorophenol	8.05	162	381894	53.38	ng		91
30) 1,2,4-Trichlorobenzene	8.13	180	394408	47.71	ng		99
31) Naphthalene	8.21	128	1315158	49.56	ng		99
32) Benzoic acid	7.94	122	117750	23.22	ng		99
33) 4-Chloroaniline	8.25	127	77415	6.78	ng		98
34) Hexachlorobutadiene	8.33	225	216289	50.05	ng		100
35) Caprolactam	8.64	113	119792m	51.28	ng		
36) 4-Chloro-3-methylphenol	8.74	107	427518	52.33	ng		98
37) 2-Methylnaphthalene	8.90	142	934607	55.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	366003	46.58	ng		97
40) Hexachlorocyclopentadiene	9.05	237	340500	89.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	261239	50.34	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	276970	52.84	ng		96
45) 1,1'-Biphenyl	9.37	154	1059543	51.38	ng		93
46) 2-Chloronaphthalene	9.40	162	848833	54.94	ng		97
47) 2-Nitroaniline	9.49	65	250508	53.54	ng		91
48) Acenaphthylene	9.81	152	1236697	49.48	ng		98
49) Dimethylphthalate	9.67	163	909723	49.35	ng		99
50) 2,6-Dinitrotoluene	9.73	165	199366	48.96	ng	#	82
51) Acenaphthene	9.98	154	813067	51.74	ng		100
52) 3-Nitroaniline	9.90	138	94227	19.35	ng		94
53) 2,4-Dinitrophenol	10.00	184	115072	54.04	ng	#	62
54) Dibenzofuran	10.15	168	1073107	55.59	ng		100
55) 4-Nitrophenol	10.07	139	380774	113.61	ng		97
56) 2,4-Dinitrotoluene	10.14	165	315262	61.73	ng		89
57) Fluorene	10.49	166	819229	53.22	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	210392	58.46	ng		95
59) Diethylphthalate	10.37	149	917754	51.44	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	377286	47.70	ng		95
61) 4-Nitroaniline	10.52	138	227782	49.76	ng		98
62) Azobenzene	10.64	77	989736	55.85	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	103528	37.00	ng	#	39
65) n-Nitrosodiphenylamine	10.61	169	787812	54.58	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	239440	50.51	ng		93
67) Hexachlorobenzene	11.04	284	253522	51.83	ng	#	90
68) Atrazine	11.13	200	240448	58.22	ng		97
69) Pentachlorophenol	11.24	266	277190	106.91	ng		99
70) Phenanthrene	11.45	178	1183426	48.51	ng		99
71) Anthracene	11.51	178	1400643	56.37	ng		100
72) Carbazole	11.66	167	1072699	51.02	ng		99
73) Di-n-butylphthalate	11.99	149	1467960	56.36	ng		99
74) Fluoranthene	12.64	202	1250274	54.52	ng		99
76) Benzidine	12.76	184	209030	26.35	ng		99
77) Pyrene	12.87	202	1235937	64.52	ng		100
79) Butylbenzylphthalate	13.49	149	567640	67.77	ng	#	79
80) Benzo(a)anthracene	14.06	228	847051	57.85	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	57238	11.55	ng		97
82) Chrysene	14.09	228	826936	62.78	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	656206	64.23	ng	#	95
84) Di-n-octyl phthalate	14.65	149	990011	66.37	ng		98
85) Indeno(1,2,3-cd)pyrene	16.95	276	888288	71.14	ng		97
87) Benzo(b)fluoranthene	15.09	252	848651m	58.76	ng		
88) Benzo(k)fluoranthene	15.12	252	520122m	45.98	ng		
89) Benzo(a)pyrene	15.45	252	688759	55.21	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	739995	60.72	ng		99
91) Benzo(g,h,i)perylene	17.39	276	763745	61.36	ng		99

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

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