Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086683.D
Acq On : 4 May 2016 18:16
Operator : UM/SJ
Sample : H2685-13MSD 4X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Manual Integrations APPROVED
sohil
5/5/2016 3:18:52 PM

Quant Time: May 05 05:53:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	167911	40.00	ng		0.00
21) Naphthalene-d8	8.02	136	669852	40.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	282103	40.00	ng		0.00
63) Phenanthrene-d10	11.25	188	423839m	40.00	ng		0.00
75) Chrysene-d12	13.88	240	354723	40.00	ng		0.00
86) Perylene-d12	15.28	264	351877	40.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	396699	39.11	ng		-0.01
7) Phenol-d6	6.37	99	541887	39.66	ng		0.00
23) Nitrobenzene-d5	7.30	82	337752	25.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	90715	32.87	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	514826	29.92	ng		0.00
78) Terphenyl-d14	12.83	244	315150	17.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	39786	7.59	ng	#	70
3) Pyridine	2.98	79	90416	7.03	ng	#	67
4) n-Nitrosodimethylamine	2.89	42	70262	9.01	ng	#	55
6) Aniline	6.40	93	74224	4.40	ng	#	69
8) 2-Chlorophenol	6.52	128	127812	10.50	ng		96
9) Benzaldehyde	6.28	77	20085	2.95	ng		93
10) Phenol	6.38	94	173413	11.60	ng		89
11) bis(2-Chloroethyl)ether	6.48	93	139813	10.87	ng		96
12) 1,3-Dichlorobenzene	6.67	146	129388m	10.01	ng		
13) 1,4-Dichlorobenzene	6.75	146	136939	10.25	ng		95
14) 1,2-Dichlorobenzene	6.91	146	131388	11.29	ng		96
15) Benzyl Alcohol	6.89	79	98257	11.12	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	283764	10.79	ng		88
17) 2-Methylphenol	7.00	107	103453	10.56	ng		96
18) Hexachloroethane	7.25	117	47532	9.42	ng	#	74
19) n-Nitroso-di-n-propylamine	7.15	70	105268	11.28	ng	#	72
20) 3+4-Methylphenols	7.15	107	125986	10.98	ng	#	62
22) Acetophenone	7.15	105	178090	11.41	ng	#	95
24) Nitrobenzene	7.32	77	142939	10.61	ng		94
25) Isophorone	7.56	82	268835	11.07	ng		96
26) 2-Nitrophenol	7.64	139	60623	10.08	ng		92
27) 2,4-Dimethylphenol	7.69	122	116161	11.00	ng		94
28) bis(2-Chloroethoxy)methane	7.78	93	163591	12.24	ng		98
29) 2,4-Dichlorophenol	7.88	162	94016	10.36	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	105734	10.44	ng		93
31) Naphthalene	8.04	128	381267	11.14	ng		99
33) 4-Chloroaniline	8.10	127	72436	5.46	ng	#	94
34) Hexachlorobutadiene	8.17	225	63769	11.09	ng		96
35) Caprolactam	8.43	113	26432	9.41	ng	#	52
36) 4-Chloro-3-methylphenol	8.58	107	99223	9.58	ng		89
37) 2-Methylnaphthalene	8.74	142	222509	11.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	92229	11.29	ng		99
40) Hexachlorocyclopentadiene	8.89	237	10544	8.74	ng		95
42) 2,4,6-Trichlorophenol	9.01	196	55439	10.68	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	58049	10.70	ng		97
45) 1,1'-Biphenyl	9.20	154	272649	11.82	ng		96
46) 2-Chloronaphthalene	9.22	162	200933	11.29	ng		93
47) 2-Nitroaniline	9.32	65	64967	10.27	ng		90
48) Acenaphthylene	9.63	152	301869	11.43	ng		98
49) Dimethylphthalate	9.50	163	322484	15.33	ng		98
50) 2,6-Dinitrotoluene	9.56	165	49322	10.93	ng		96
51) Acenaphthene	9.80	154	188574	10.82	ng		98
52) 3-Nitroaniline	9.73	138	41974	8.18	ng	#	98
53) 2,4-Dinitrophenol	9.85	184	5916	13.90	ng	#	52
54) Dibenzofuran	9.97	168	255072	11.81	ng		95
55) 4-Nitrophenol	9.90	139	36446	12.18	ng		79
56) 2,4-Dinitrotoluene	9.96	165	57229	10.23	ng		95
57) Fluorene	10.32	166	199149	11.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	46221	11.60	ng		96
59) Diethylphthalate	10.20	149	227819	11.45	ng		96
60) 4-Chlorophenyl-phenylether	10.32	204	97232	11.68	ng		88
61) 4-Nitroaniline	10.34	138	40213	8.16	ng	#	75
62) Azobenzene	10.48	77	232521	10.54	ng		89
64) 4,6-Dinitro-2-methylphenol	10.37	198	7704	9.22	ng	#	78
65) n-Nitrosodiphenylamine	10.43	169	166070	12.34	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	49320	11.71	ng	#	83
67) Hexachlorobenzene	10.86	284	55667	10.84	ng	#	81
68) Atrazine	10.96	200	46666	11.31	ng		92
69) Pentachlorophenol	11.06	266	44142	22.24	ng		98
70) Phenanthrene	11.28	178	253654	11.14	ng		99
71) Anthracene	11.32	178	255731	10.73	ng		99
72) Carbazole	11.48	167	216398	10.45	ng		99
73) Di-n-butylphthalate	11.82	149	286801	11.67	ng		99
74) Fluoranthene	12.45	202	240119	10.52	ng		96
76) Benzidine	12.60	184	8006m	7.80	ng		
77) Pyrene	12.68	202	248933	8.80	ng		98
79) Butylbenzylphthalate	13.31	149	101457	8.57	ng	#	68
80) Benzo(a)anthracene	13.87	228	220019	10.97	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	44082	3.50	ng		98
82) Chrysene	13.91	228	220963	10.32	ng		100
83) Bis(2-ethylhexyl)phthalate	13.88	149	137171	10.01	ng	#	99
84) Di-n-octyl phthalate	14.49	149	269010	13.34	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.59	276	195312	10.64	ng		93
87) Benzo(b)fluoranthene	14.89	252	253057m	11.97	ng		
88) Benzo(k)fluoranthene	14.91	252	192276m	9.65	ng		
89) Benzo(a)pyrene	15.22	252	200925	10.32	ng		96
90) Dibenzo(a,h)anthracene	16.61	278	161606	8.64	ng		98
91) Benzo(g,h,i)perylene	16.99	276	150897	7.68	ng		93

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

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