Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085315.D
Acq On : 9 Mar 2016 23:01
Operator : UM/SJ
Sample : H1724-08MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SEMS

Manual Integrations APPROVED
UMANGI
3/10/2016 3:03:36 PM

Quant Time: Mar 10 10:10:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	173818	20.00	ng		-0.03
21) Naphthalene-d8	8.23	136	632616	20.00	ng		-0.03
38) Acenaphthene-d10	9.99	164	311476	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	599962	20.00	ng		-0.03
75) Chrysene-d12	14.12	240	443774	20.00	ng		-0.03
86) Perylene-d12	15.58	264	264796	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	956802	92.33	ng		-0.02
7) Phenol-d6	6.57	99	1299288	95.70	ng		-0.03
23) Nitrobenzene-d5	7.51	82	772132	65.31	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	276346	103.69	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1219400	59.54	ng		-0.05
78) Terphenyl-d14	13.07	244	1195373	62.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	146960	27.73	ng		98
3) Pyridine	3.44	79	446577	33.67	ng		98
4) n-Nitrosodimethylamine	3.38	42	180498	31.80	ng		94
6) Aniline	6.61	93	462890	24.33	ng		96
8) 2-Chlorophenol	6.73	128	434171	34.80	ng		94
9) Benzaldehyde	6.49	77	107945	13.48	ng		91
10) Phenol	6.58	94	461231m	31.72	ng		
11) bis(2-Chloroethyl)ether	6.68	93	370922	30.71	ng		91
12) 1,3-Dichlorobenzene	6.88	146	404011m	30.16	ng		
13) 1,4-Dichlorobenzene	6.96	146	413150	30.78	ng		97
14) 1,2-Dichlorobenzene	7.12	146	404004	33.17	ng		95
15) Benzyl Alcohol	7.09	79	392235	39.36	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	487975	28.03	ng		98
17) 2-Methylphenol	7.20	107	367119	36.06	ng		99
18) Hexachloroethane	7.46	117	147797	29.85	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	296472	33.51	ng		96
20) 3+4-Methylphenols	7.35	107	413442	34.29	ng		92
22) Acetophenone	7.36	105	544024	35.23	ng	#	90
24) Nitrobenzene	7.53	77	404689	33.70	ng	#	83
25) Isophorone	7.77	82	738615	33.71	ng	#	93
26) 2-Nitrophenol	7.84	139	190088	32.53	ng	#	69
27) 2,4-Dimethylphenol	7.89	122	362311	33.92	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	463029	37.95	ng		99
29) 2,4-Dichlorophenol	8.08	162	299167	34.73	ng		89
30) 1,2,4-Trichlorobenzene	8.17	180	326833	35.10	ng		98
31) Naphthalene	8.25	128	1064050	34.21	ng		99
33) 4-Chloroaniline	8.30	127	279004	22.17	ng		94
34) Hexachlorobutadiene	8.37	225	156658	32.33	ng		97
35) Caprolactam	8.66	113	107858m	38.34	ng		
36) 4-Chloro-3-methylphenol	8.78	107	342841	35.08	ng		98
37) 2-Methylnaphthalene	8.95	142	734414	36.79	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	279931	31.43	ng		99
40) Hexachlorocyclopentadiene	9.10	237	282346	58.77	ng		100
42) 2,4,6-Trichlorophenol	9.22	196	251869	37.98	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.26	196	223547	35.56	ng		95
45) 1,1'-Biphenyl	9.41	154	795993	29.91	ng		98
46) 2-Chloronaphthalene	9.43	162	635200	31.31	ng		92
47) 2-Nitroaniline	9.53	65	218017	34.69	ng	#	55
48) Acenaphthylene	9.85	152	1097233	34.76	ng		98
49) Dimethylphthalate	9.72	163	1155784	48.34	ng		100
50) 2,6-Dinitrotoluene	9.77	165	192552	37.65	ng		94
51) Acenaphthene	10.02	154	661310	34.50	ng		98
52) 3-Nitroaniline	9.94	138	180990	29.58	ng		88
53) 2,4-Dinitrophenol	10.05	184	62765	29.78	ng	#	33
54) Dibenzofuran	10.20	168	916676	36.50	ng		98
55) 4-Nitrophenol	10.10	139	331797	69.00	ng		95
56) 2,4-Dinitrotoluene	10.17	165	221555	33.85	ng		97
57) Fluorene	10.54	166	713671	36.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	171056	38.73	ng		97
59) Diethylphthalate	10.41	149	806973	34.78	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	314243	32.74	ng		96
61) 4-Nitroaniline	10.55	138	198577	34.70	ng		98
62) Azobenzene	10.69	77	778557	34.06	ng		98
64) 4,6-Dinitro-2-methylphenol	10.58	198	106064	29.53	ng		98
65) n-Nitrosodiphenylamine	10.65	169	662815	35.52	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	190582	32.71	ng		93
67) Hexachlorobenzene	11.09	284	215104	34.61	ng	#	92
68) Atrazine	11.18	200	229682	44.26	ng		94
69) Pentachlorophenol	11.28	266	226477	65.65	ng		98
70) Phenanthrene	11.50	178	1002405	31.88	ng		99
71) Anthracene	11.56	178	1134645	33.99	ng		99
72) Carbazole	11.70	167	944990	32.29	ng		99
73) Di-n-butylphthalate	12.04	149	1256467	33.96	ng		99
74) Fluoranthene	12.69	202	1071212	33.95	ng		98
76) Benzidine	12.80	184	359742	27.24	ng		98
77) Pyrene	12.92	202	1059195	31.71	ng		100
79) Butylbenzylphthalate	13.53	149	509621	33.63	ng		89
80) Benzo(a)anthracene	14.11	228	853409	32.12	ng		99
81) 3,3'-Dichlorobenzidine	14.06	252	140378	16.75	ng	#	95
82) Chrysene	14.14	228	638499	26.02	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	633999	31.79	ng	#	98
84) Di-n-octyl phthalate	14.70	149	848881	27.95	ng		96
85) Indeno(1,2,3-cd)pyrene	17.04	276	552677	28.86	ng		98
87) Benzo(b)fluoranthene	15.15	252	649279m	36.79	ng		
88) Benzo(k)fluoranthene	15.18	252	424447m	29.81	ng		
89) Benzo(a)pyrene	15.51	252	491897	33.63	ng	#	95
90) Dibenzo(a,h)anthracene	17.05	278	466696	37.38	ng		99
91) Benzo(g,h,i)perylene	17.49	276	470256	37.46	ng		95

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

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