Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084310.D
Acq On : 7 Jan 2016 17:29
Operator : SJ/UM
Sample : H1028-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Manual Integrations APPROVED
UMANGI
1/8/2016 10:42:58 AM

Quant Time: Jan 08 01:10:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	230853	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	998091	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	448686	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	811805	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	702116	20.00	ng		-0.03
86) Perylene-d12	15.46	264	555121	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1372315	96.15	ng		-0.01
7) Phenol-d6	6.51	99	1876615	104.69	ng		-0.02
23) Nitrobenzene-d5	7.44	82	1134132	63.24	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	467753	103.26	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	1744817	67.07	ng		-0.03
78) Terphenyl-d14	12.98	244	1824307	58.00	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	193005	28.55	ng	#	72
3) Pyridine	3.24	79	485641	25.76	ng	#	76
4) n-Nitrosodimethylamine	3.18	42	306355	31.66	ng		79
6) Aniline	6.53	93	635228	24.22	ng	#	83
8) 2-Chlorophenol	6.66	128	584811	36.12	ng		98
9) Benzaldehyde	6.41	77	155242	13.30	ng		92
10) Phenol	6.53	94	658285	32.30	ng		79
11) bis(2-Chloroethyl)ether	6.60	93	540847	34.26	ng	#	80
12) 1,3-Dichlorobenzene	6.81	146	562277m	33.66	ng		
13) 1,4-Dichlorobenzene	6.89	146	599972	35.82	ng		94
14) 1,2-Dichlorobenzene	7.04	146	511466	31.88	ng		95
15) Benzyl Alcohol	7.01	79	468302	31.06	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.15	45	888213	30.89	ng		84
17) 2-Methylphenol	7.14	107	465143	34.27	ng		95
18) Hexachloroethane	7.38	117	211279	31.54	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	403120	33.22	ng	#	74
20) 3+4-Methylphenols	7.29	107	537415	33.69	ng	#	71
22) Acetophenone	7.28	105	773140	32.21	ng	#	93
24) Nitrobenzene	7.46	77	627603	34.50	ng		89
25) Isophorone	7.70	82	1113887	32.48	ng		96
26) 2-Nitrophenol	7.77	139	276583	33.41	ng	#	77
27) 2,4-Dimethylphenol	7.81	122	469841	28.04	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	633911	30.26	ng		99
29) 2,4-Dichlorophenol	8.02	162	489200	35.05	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	493515	34.25	ng	#	96
31) Naphthalene	8.18	128	1561559	34.48	ng		99
32) Benzoic acid	7.89	122	70167	11.91	ng		95
33) 4-Chloroaniline	8.22	127	391003	18.83	ng		97
34) Hexachlorobutadiene	8.29	225	261850	31.61	ng		98
35) Caprolactam	8.59	113	151467m	32.19	ng		
36) 4-Chloro-3-methylphenol	8.72	107	493015	31.53	ng		93
37) 2-Methylnaphthalene	8.86	142	978249	30.09	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	454525	35.24	ng		98
40) Hexachlorocyclopentadiene	9.02	237	508809	65.34	ng		98

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Quant Time: Jan 08 01:10:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	327020	33.89	ng		95
43) 2,4,5-Trichlorophenol	9.20	196	317331	34.30	ng		95
45) 1,1'-Biphenyl	9.33	154	1283796	36.00	ng		99
46) 2-Chloronaphthalene	9.36	162	951556	33.97	ng		94
47) 2-Nitroaniline	9.46	65	317034	34.29	ng	#	59
48) Acenaphthylene	9.77	152	1375799	33.25	ng		97
49) Dimethylphthalate	9.64	163	1328425	41.41	ng	#	91
50) 2,6-Dinitrotoluene	9.70	165	274186	38.97	ng	#	87
51) Acenaphthene	9.94	154	963124	34.70	ng		98
52) 3-Nitroaniline	9.87	138	235958	27.07	ng	#	70
53) 2,4-Dinitrophenol	9.97	184	143195	49.21	ng	#	74
54) Dibenzofuran	10.11	168	1252415	34.12	ng	#	90
55) 4-Nitrophenol	10.04	139	454109	71.76	ng		90
56) 2,4-Dinitrotoluene	10.10	165	363523	40.83	ng		95
57) Fluorene	10.45	166	894143	31.45	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	270597	34.26	ng		92
59) Diethylphthalate	10.34	149	1135182	35.89	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	484579	40.52	ng		92
61) 4-Nitroaniline	10.48	138	232817	29.96	ng		95
62) Azobenzene	10.61	77	1215619	35.04	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	129184	26.98	ng	#	45
65) n-Nitrosodiphenylamine	10.57	169	828208	31.91	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	299643	34.29	ng		96
67) Hexachlorobenzene	11.00	284	317864	32.32	ng	#	89
68) Atrazine	11.10	200	308378	36.31	ng		92
69) Pentachlorophenol	11.20	266	259393	50.87	ng		98
70) Phenanthrene	11.41	178	1392356	32.79	ng		97
71) Anthracene	11.47	178	1551308	37.27	ng		99
72) Carbazole	11.63	167	1404260	34.51	ng		98
73) Di-n-butylphthalate	11.96	149	1743355	38.89	ng	#	97
74) Fluoranthene	12.60	202	1450132	32.69	ng		98
76) Benzidine	12.73	184	633273	25.16	ng		98
77) Pyrene	12.83	202	1516361	27.52	ng		97
79) Butylbenzylphthalate	13.46	149	740659	31.06	ng	#	84
80) Benzo(a)anthracene	14.02	228	1188474	28.83	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	344883	23.97	ng	#	97
82) Chrysene	14.05	228	1149394	29.01	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	956524	31.76	ng	#	96
84) Di-n-octyl phthalate	14.63	149	1574773	30.97	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.85	276	1019061	32.45	ng		99
87) Benzo(b)fluoranthene	15.05	252	1094504	30.14	ng		98
88) Benzo(k)fluoranthene	15.07	252	1031365m	34.73	ng		
89) Benzo(a)pyrene	15.40	252	994919	32.30	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	851024	32.11	ng		96
91) Benzo(g,h,i)perylene	17.28	276	848427	30.91	ng		98

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

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