Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084766.D
Acq On : 3 Feb 2016 2:04
Operator : SJ/IZ
Sample : H1287-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)MS

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:45 PM

Quant Time: Feb 03 09:50:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	178910	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	811903	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	355244	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	616948	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	371060	20.00	ng		-0.02
86) Perylene-d12	15.23	264	342985	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1461153	127.21	ng		0.00
7) Phenol-d6	6.36	99	1842302	129.38	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1228847	85.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	486639	131.33	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	1924223	94.95	ng		-0.02
78) Terphenyl-d14	12.81	244	1831830	111.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	187160	37.20	ng	#	76
3) Pyridine	3.04	79	337072	25.71	ng	#	74
4) n-Nitrosodimethylamine	2.96	42	296137	43.68	ng		83
6) Aniline	6.37	93	135776m	7.79	ng		
8) 2-Chlorophenol	6.50	128	588744	45.28	ng		95
9) Benzaldehyde	6.25	77	190567	22.66	ng		95
10) Phenol	6.37	94	696076	43.64	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	585533	47.07	ng		83
12) 1,3-Dichlorobenzene	6.64	146	549564m	40.01	ng		
13) 1,4-Dichlorobenzene	6.72	146	561096	40.86	ng		97
14) 1,2-Dichlorobenzene	6.88	146	553384	43.27	ng		96
15) Benzyl Alcohol	6.86	79	623432	63.40	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	863318	41.26	ng		68
17) 2-Methylphenol	6.99	107	489779	47.63	ng	#	80
18) Hexachloroethane	7.21	117	221205	41.83	ng		93
19) n-Nitroso-di-n-propylamine	7.14	70	456974	51.20	ng	#	84
20) 3+4-Methylphenols	7.16	107	692352	54.25	ng		88
22) Acetophenone	7.13	105	882196	41.23	ng	#	95
24) Nitrobenzene	7.29	77	632660	40.99	ng	#	91
25) Isophorone	7.55	82	1344187	47.96	ng		96
26) 2-Nitrophenol	7.61	139	306856	40.31	ng	#	81
27) 2,4-Dimethylphenol	7.70	122	594770	44.92	ng		92
28) bis(2-Chloroethoxy)methane	7.76	93	916304	55.11	ng		96
29) 2,4-Dichlorophenol	7.89	162	471864	41.65	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	457144	35.73	ng	#	95
31) Naphthalene	8.01	128	1547368	37.99	ng		99
32) Benzoic acid	7.89	122	462562m	54.62	ng		
33) 4-Chloroaniline	8.10	127	122551	7.28	ng	#	94
34) Hexachlorobutadiene	8.13	225	278040	37.68	ng		98
35) Caprolactam	8.49	113	153557	43.98	ng	#	45
36) 4-Chloro-3-methylphenol	8.57	107	617378	47.77	ng		93
37) 2-Methylnaphthalene	8.70	142	1145364	44.94	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	485260	43.01	ng	#	95
40) Hexachlorocyclopentadiene	8.85	237	466707	89.41	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	334759	46.06	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	336141	45.51	ng	#	93
45) 1,1'-Biphenyl	9.17	154	1465558	46.19	ng		97
46) 2-Chloronaphthalene	9.20	162	1060893	45.40	ng	#	88
47) 2-Nitroaniline	9.30	65	380601	51.44	ng		89
48) Acenaphthylene	9.61	152	1675020	47.24	ng		98
49) Dimethylphthalate	9.48	163	1198190	44.28	ng	#	90
50) 2,6-Dinitrotoluene	9.54	165	266967	45.17	ng	#	59
51) Acenaphthene	9.78	154	1118463	48.48	ng		99
52) 3-Nitroaniline	9.71	138	148308	22.33	ng	#	77
53) 2,4-Dinitrophenol	9.81	184	316824	113.51	ng	#	79
54) Dibenzofuran	9.95	168	1513010	53.66	ng		95
55) 4-Nitrophenol	9.89	139	407974	83.58	ng	#	84
56) 2,4-Dinitrotoluene	9.94	165	326511	43.31	ng	#	74
57) Fluorene	10.29	166	1197069	50.84	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	309185	54.99	ng	#	87
59) Diethylphthalate	10.18	149	1235163	46.75	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	468950	47.87	ng		91
61) 4-Nitroaniline	10.32	138	175333	27.09	ng		93
62) Azobenzene	10.44	77	1252303	49.29	ng		90
64) 4,6-Dinitro-2-methylphenol	10.35	198	220008	57.78	ng		89
65) n-Nitrosodiphenylamine	10.41	169	963161	49.17	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	364190	53.45	ng	#	90
67) Hexachlorobenzene	10.83	284	354511	47.75	ng	#	82
68) Atrazine	10.94	200	273939	44.28	ng		98
69) Pentachlorophenol	11.04	266	415854	119.18	ng		98
70) Phenanthrene	11.24	178	1593764	46.58	ng		97
71) Anthracene	11.30	178	1780903	51.65	ng		98
72) Carbazole	11.46	167	1482548	49.31	ng		98
73) Di-n-butylphthalate	11.79	149	1734022	45.30	ng	#	96
74) Fluoranthene	12.43	202	1766529	51.01	ng		95
77) Pyrene	12.66	202	1764435	62.11	ng		100
79) Butylbenzylphthalate	13.29	149	741664	57.55	ng		99
80) Benzo(a)anthracene	13.84	228	1219868	52.97	ng		99
82) Chrysene	13.88	228	1224285	54.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	869219	54.20	ng		98
84) Di-n-octyl phthalate	14.47	149	1475280	55.75	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.53	276	1125981	64.05	ng		99
87) Benzo(b)fluoranthene	14.85	252	1142097m	49.56	ng		
88) Benzo(k)fluoranthene	14.88	252	875256m	45.93	ng		
89) Benzo(a)pyrene	15.17	252	962327	49.01	ng	#	95
90) Dibenzo(a,h)anthracene	16.55	278	915374	55.38	ng		98
91) Benzo(g,h,i)perylene	16.92	276	972793	58.43	ng		99

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

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