Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080226.D
Acq On : 30 Jun 2015 2:44
Operator : TP/IZ
Sample : G2819-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOILMS

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:50 PM

Quant Time: Jun 30 12:10:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	28529	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	111117	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	56509	20.00	ng		-0.03
63) Phenanthrene-d10	11.86	188	112114	20.00	ng		-0.05
75) Chrysene-d12	14.77	240	124371	20.00	ng		-0.23
86) Perylene-d12	16.61	264	124571	20.00	ng		-0.32
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	264971	164.41	ng		-0.02
7) Phenol-d6	6.90	99	380654	177.49	ng		-0.02
23) Nitrobenzene-d5	7.85	82	232316	121.71	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	88076	159.39	ng		-0.02
44) 2-Fluorobiphenyl	9.66	172	406917	102.69	ng		-0.03
78) Terphenyl-d14	13.52	244	475680	89.32	ng		-0.15
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	30969	40.43	ng		87
3) Pyridine	3.97	79	103720	50.91	ng	#	81
4) n-Nitrosodimethylamine	3.88	42	50338	51.99	ng		99
6) Aniline	6.95	93	138632	46.98	ng		94
8) 2-Chlorophenol	7.08	128	103170	55.39	ng		87
9) Benzaldehyde	6.84	77	47052	38.00	ng	#	71
10) Phenol	6.92	94	149417	63.84	ng		76
11) bis(2-Chloroethyl)ether	7.02	93	95536	51.45	ng		87
12) 1,3-Dichlorobenzene	7.24	146	114086	50.98	ng	#	91
13) 1,4-Dichlorobenzene	7.32	146	120092	56.43	ng		96
14) 1,2-Dichlorobenzene	7.46	146	106900m	51.62	ng		
15) Benzyl Alcohol	7.42	79	90663	51.70	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.56	45	162570	58.98	ng		90
17) 2-Methylphenol	7.53	107	84420	53.06	ng	#	88
18) Hexachloroethane	7.82	117	38322	54.08	ng	#	79
19) n-Nitroso-di-n-propylamine	7.69	70	77696	52.18	ng	#	76
20) 3+4-Methylphenols	7.68	107	116378	56.68	ng		89
22) Acetophenone	7.69	105	141603	54.68	ng	#	81
24) Nitrobenzene	7.88	77	110490	56.08	ng	#	77
25) Isophorone	8.10	82	194853	50.73	ng	#	82
26) 2-Nitrophenol	8.20	139	54000	65.49	ng	#	74
27) 2,4-Dimethylphenol	8.22	122	102822	59.80	ng	#	82
28) bis(2-Chloroethoxy)methane	8.31	93	120673	53.47	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	94915	64.46	ng		97
30) 1,2,4-Trichlorobenzene	8.53	180	103556	61.93	ng		98
31) Naphthalene	8.61	128	306326m	52.73	ng		
33) 4-Chloroaniline	8.64	127	97879	39.37	ng	#	83
34) Hexachlorobutadiene	8.73	225	53318	51.78	ng		96
35) Caprolactam	8.98	113	26210	54.84	ng		94
36) 4-Chloro-3-methylphenol	9.12	107	90695	54.60	ng		92
37) 2-Methylnaphthalene	9.30	142	217509	57.88	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	101314	61.61	ng		97
40) Hexachlorocyclopentadiene	9.46	237	58036	69.48	ng		98
42) 2,4,6-Trichlorophenol	9.58	196	63868	57.08	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.61	196	62247	48.29	ng	#	87
45) 1,1'-Biphenyl	9.76	154	238307	51.83	ng		91
46) 2-Chloronaphthalene	9.80	162	203405	54.53	ng		94
47) 2-Nitroaniline	9.88	65	53292	52.04	ng	#	57
48) Acenaphthylene	10.22	152	343858	55.23	ng		97
49) Dimethylphthalate	10.06	163	293373	69.05	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	44817	52.62	ng	#	41
51) Acenaphthene	10.39	154	185013	48.57	ng		89
52) 3-Nitroaniline	10.29	138	49304	50.17	ng	#	45
53) 2,4-Dinitrophenol	10.40	184	3482	15.14	ng	#	1
54) Dibenzofuran	10.56	168	287222	53.14	ng	#	89
55) 4-Nitrophenol	10.44	139	58340	74.28	ng	#	33
56) 2,4-Dinitrotoluene	10.53	165	66055	61.12	ng	#	84
57) Fluorene	10.92	166	221465	51.64	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	47316	43.48	ng	#	99
59) Diethylphthalate	10.76	149	208776	48.80	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	108477	52.63	ng	#	88
61) 4-Nitroaniline	10.90	138	52340	51.57	ng	#	49
62) Azobenzene	11.05	77	217836	50.02	ng		86
64) 4,6-Dinitro-2-methylphenol	10.94	198	10820	24.36	ng		77
65) n-Nitrosodiphenylamine	11.01	169	193205	52.92	ng		91
66) 4-Bromophenyl-phenylether	11.40	248	64217	53.87	ng	#	85
67) Hexachlorobenzene	11.48	284	71737	54.15	ng	#	78
68) Atrazine	11.53	200	63247	54.83	ng		82
69) Pentachlorophenol	11.66	266	53571	71.35	ng		97
70) Phenanthrene	11.89	178	361048	53.19	ng		97
71) Anthracene	11.94	178	357069	54.63	ng		99
72) Carbazole	12.09	167	312536	50.09	ng		97
73) Di-n-butylphthalate	12.41	149	366062	50.78	ng	#	99
74) Fluoranthene	13.13	202	383369	53.03	ng		88
76) Benzidine	13.25	184	302558	87.03	ng	#	98
77) Pyrene	13.39	202	398892	52.09	ng		97
79) Butylbenzylphthalate	14.06	149	158977	51.70	ng		93
80) Benzo(a)anthracene	14.76	228	385912	50.93	ng		96
81) 3,3'-Dichlorobenzidine	14.70	252	143121	54.77	ng	#	96
82) Chrysene	14.80	228	362619	51.90	ng		95
83) Bis(2-ethylhexyl)phthalate	14.73	149	228046	46.92	ng	#	94
84) Di-n-octyl phthalate	15.51	149	390692	46.91	ng		94
85) Indeno(1,2,3-cd)pyrene	18.45	276	448133	50.86	ng	#	88
87) Benzo(b)fluoranthene	16.08	252	381298	50.56	ng	#	86
88) Benzo(k)fluoranthene	16.12	252	401532	52.28	ng	#	88
89) Benzo(a)pyrene	16.53	252	390399	54.50	ng	#	88
90) Dibenzo(a,h)anthracene	18.46	278	372710	50.84	ng	#	83
91) Benzo(g,h,i)perylene	19.00	276	374882	50.64	ng	#	78

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

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