Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
Data File : BF076721.D
Acq On : 1 Jan 2015 1:31
Operator : IZ / TP
Sample : F5235-01MSD
Misc : W
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOILCUTTINGSMSD

Quant Time: Jan 01 07:21:16 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 01 04:13:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	36661	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	151921	20.00	ng		0.00
38) Acenaphthene-d10	10.45	164	81343	20.00	ng		0.00
63) Phenanthrene-d10	12.25	188	136035	20.00	ng		0.00
75) Chrysene-d12	15.49	240	138301	20.00	ng		0.00
86) Perylene-d12	17.11	264	131480	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	290779	134.47	ng		0.00
7) Phenol-d6	6.32	99	337584	127.82	ng		0.00
23) Nitrobenzene-d5	7.43	82	249813	97.79	ng		0.00
41) 2,4,6-Tribromophenol	11.42	330	106586	155.03	ng		0.00
44) 2-Fluorobiphenyl	9.65	172	482552	92.32	ng		0.00
78) Terphenyl-d14	14.24	244	535653	85.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.43	88	33021	35.72	ng	#	100
3) Pyridine	1.96	79	72965	31.36	ng		98
4) n-Nitrosodimethylamine	1.89	42	57484	51.07	ng		98
6) Aniline	6.30	93	32316	8.57	ng	#	87
8) 2-Chlorophenol	6.45	128	110116	44.46	ng		95
9) Benzaldehyde	6.42	77	9036	4.50	ng	#	77
10) Phenol	6.33	94	118997	37.12	ng		84
11) bis(2-Chloroethyl)ether	6.42	93	114040	49.43	ng		95
12) 1,3-Dichlorobenzene	6.63	146	123546	42.97	ng	#	94
13) 1,4-Dichlorobenzene	6.74	146	126914	43.59	ng		97
14) 1,2-Dichlorobenzene	6.92	146	133161	48.22	ng	#	90
15) Benzyl Alcohol	6.93	79	108091	47.26	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	158189	47.33	ng		98
17) 2-Methylphenol	7.10	107	88340	43.41	ng		97
18) Hexachloroethane	7.34	117	50730	48.75	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	87693	45.47	ng		98
20) 3+4-Methylphenols	7.29	107	120356	43.80	ng		97
22) Acetophenone	7.25	105	190781	52.39	ng	#	99
24) Nitrobenzene	7.45	77	136755	51.63	ng		95
25) Isophorone	7.76	82	246165	50.00	ng		96
26) 2-Nitrophenol	7.85	139	60436	46.72	ng		98
27) 2,4-Dimethylphenol	7.94	122	101577	48.52	ng		91
28) bis(2-Chloroethoxy)methane	8.06	93	148280	51.30	ng		100
29) 2,4-Dichlorophenol	8.15	162	99002	48.11	ng		94
30) 1,2,4-Trichlorobenzene	8.24	180	113980	51.38	ng	#	95
31) Naphthalene	8.32	128	374876	49.81	ng		98
32) Benzoic acid	8.08	122	54725	43.90	ng		94
33) 4-Chloroaniline	8.42	127	22246	7.24	ng		96
34) Hexachlorobutadiene	8.49	225	64640	50.12	ng		89
35) Caprolactam	8.85	113	24833	41.86	ng	#	88
36) 4-Chloro-3-methylphenol	9.05	107	104226	45.51	ng		92
37) 2-Methylnaphthalene	9.18	142	255915	48.74	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	99708	49.83	ng	#	77
40) Hexachlorocyclopentadiene	9.37	237	99841	85.66	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	67445	46.46	ng		99
43) 2,4,5-Trichlorophenol	9.59	196	70078m	44.87	ng		
45) 1,1'-Biphenyl	9.76	154	302842	50.11	ng		98
46) 2-Chloronaphthalene	9.77	162	244082	50.93	ng		97
47) 2-Nitroaniline	9.92	65	80317	55.09	ng	#	73
48) Acenaphthylene	10.28	152	394587	48.40	ng		100
49) Dimethylphthalate	10.17	163	298510	51.88	ng		99
50) 2,6-Dinitrotoluene	10.23	165	60629	51.43	ng	#	53
51) Acenaphthene	10.48	154	220646	47.84	ng		99
52) 3-Nitroaniline	10.42	138	21672	16.19	ng		95
53) 2,4-Dinitrophenol	10.56	184	41618	66.27	ng	#	82
54) Dibenzofuran	10.70	168	336517	50.44	ng		99
55) 4-Nitrophenol	10.66	139	95172m	92.73	ng		
56) 2,4-Dinitrotoluene	10.72	165	86939	55.33	ng	#	84
57) Fluorene	11.12	166	297136	53.02	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.86	232	56208	48.39	ng	#	100
59) Diethylphthalate	11.04	149	314529	53.52	ng		97
60) 4-Chlorophenyl-phenylether	11.14	204	127594	52.62	ng	#	89
61) 4-Nitroaniline	11.17	138	57310	40.73	ng		91
62) Azobenzene	11.34	77	291619	50.35	ng		97
64) 4,6-Dinitro-2-methylphenol	11.21	198	32924	38.69	ng		87
65) n-Nitrosodiphenylamine	11.29	169	229831	48.09	ng		99
66) 4-Bromophenyl-phenylether	11.74	248	74731	56.40	ng	#	81
67) Hexachlorobenzene	11.78	284	78728	50.90	ng	#	87
68) Atrazine	11.98	200	79979	56.01	ng		97
69) Pentachlorophenol	12.04	266	83175	109.86	ng		97
70) Phenanthrene	12.29	178	426016	51.90	ng		99
71) Anthracene	12.34	178	405542	50.36	ng		98
72) Carbazole	12.56	167	375193	48.04	ng		98
73) Di-n-butylphthalate	13.04	149	502328	52.36	ng		99
74) Fluoranthene	13.74	202	436424	52.07	ng		94
76) Benzidine	13.93	184	22994	3.99	ng		97
77) Pyrene	14.00	202	452919	46.81	ng		98
79) Butylbenzylphthalate	14.87	149	231438	50.04	ng	#	80
80) Benzo(a)anthracene	15.48	228	429621	49.88	ng		97
81) 3,3'-Dichlorobenzidine	15.48	252	51309	17.82	ng	#	97
82) Chrysene	15.52	228	402457	51.07	ng		99
83) Bis(2-ethylhexyl)phthalate	15.60	149	345942	49.43	ng	#	95
84) Di-n-octyl phthalate	16.36	149	601819	50.37	ng		99
85) Indeno(1,2,3-cd)pyrene	18.23	276	471110	54.48	ng		97
87) Benzo(b)fluoranthene	16.71	252	394939m	45.53	ng		
88) Benzo(k)fluoranthene	16.75	252	409470m	50.69	ng		
89) Benzo(a)pyrene	17.05	252	373536	48.26	ng	#	97
90) Dibenzo(a,h)anthracene	18.25	278	393675	51.32	ng		98
91) Benzo(g,h,i)perylene	18.54	276	381896	51.16	ng		99

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

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