Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094814.D
Acq On : 3 May 2017 2:16
Operator : SJ/MA
Sample : I2923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6TH-ST-SOIL-CUTTINGS(COMP)

Manual Integrations APPROVED
mohammad
5/4/2017 1:44:38 PM

Quant Time: May 03 04:40:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	94130	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	387908	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	176923	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	303845	20.00	ng	0.00
75) Chrysene-d12	18.64	240	210989	20.00	ng	-0.01
86) Perylene-d12	20.31	264	198134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	812410	143.89	ng	0.00
7) Phenol-d6	7.28	99	986087	145.56	ng	0.00
23) Nitrobenzene-d5	8.62	82	534009	86.81	ng	-0.01
41) 2,4,6-Tribromophenol	13.88	330	195654	135.03	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	932504	75.86	ng	0.00
78) Terphenyl-d14	17.31	244	681740	71.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	159	0.057	ng	# 1
6) Aniline	7.40	93	711	0.083	ng	# 1
8) 2-Chlorophenol	7.41	128	477	0.074	ng	# 1
9) Benzaldehyde	7.05	77	168	0.041	ng	# 1
10) Phenol	7.29	94	13522	1.894	ng	86
11) bis(2-Chloroethyl)ether	7.40	93	711	0.121	ng	# 1
15) Benzyl Alcohol	7.97	79	8607	1.975	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.95	45	117	0.014	ng	# 1
17) 2-Methylphenol	8.27	107	704	0.134	ng	# 36
18) Hexachloroethane	8.58	117	251	0.100	ng	# 1
20) 3+4-Methylphenols	8.53	107	4447	0.622	ng	# 53
22) Acetophenone	8.41	105	2111	0.227	ng	# 96
24) Nitrobenzene	8.62	77	2082	0.323	ng	# 36
25) Isophorone	8.99	82	172	0.016	ng	# 67
27) 2,4-Dimethylphenol	9.32	122	3929	0.698	ng	90
28) bis(2-Chloroethoxy)methane	9.36	93	510	0.067	ng	# 1
31) Naphthalene	9.80	128	2372583	121.695	ng	99
36) 4-Chloro-3-methylphenol	10.65	107	947	0.167	ng	# 14
37) 2-Methylnaphthalene	10.91	142	336852	26.326	ng	98
45) 1,1'-Biphenyl	11.67	154	69438	4.662	ng	98
47) 2-Nitroaniline	11.92	65	1317	0.400	ng	# 7
48) Acenaphthylene	12.34	152	314797	16.710	ng	97
49) Dimethylphthalate	12.21	163	159244	10.964	ng	99
50) 2,6-Dinitrotoluene	12.21	165	1661	0.561	ng	# 4
54) Dibenzofuran	12.92	168	352195	22.618	ng	95
56) 2,4-Dinitrotoluene	13.01	165	1042	0.274	ng	# 54
57) Fluorene	13.47	166	316630	23.385	ng	99
59) Diethylphthalate	13.37	149	870	0.062	ng	# 60
61) 4-Nitroaniline	13.47	138	3423	1.172	ng	# 25
62) Azobenzene	13.75	77	4098	0.366	ng	# 1
64) 4,6-Dinitro-2-methylphenol	13.87	198	354	0.174	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	2828	0.256	ng	# 3
70) Phenanthrene	15.02	178	1284532	73.578	ng	99
71) Anthracene	15.10	178	541948	30.390	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	15.38	167	226629	13.967	ng		96
73) Di-n-butylphthalate	15.95	149	2032	0.100	ng	#	1
74) Fluoranthene	16.77	202	996549	55.647	ng		98
77) Pyrene	17.07	202	905037	57.355	ng		99
79) Butylbenzylphthalate	17.99	149	125	0.017	ng	#	7
80) Benzo(a)anthracene	18.63	228	413136m	33.645	ng		
81) 3,3'-Dichlorobenzidine	18.61	252	162	0.038	ng	#	6
82) Chrysene	18.68	228	388753m	32.742	ng		
83) Bis(2-ethylhexyl)phthalate	18.71	149	3013	0.288	ng	#	93
84) Di-n-octyl phthalate	19.47	149	249	0.015	ng	#	75
85) Indeno(1,2,3-cd)pyrene	21.59	276	140836	14.606	ng		95
87) Benzo(b)fluoranthene	19.91	252	322181m	26.316	ng		
88) Benzo(k)fluoranthene	19.93	252	132953m	11.258	ng		
89) Benzo(a)pyrene	20.25	252	318430	28.187	ng		99
90) Dibenzo(a,h)anthracene	21.61	278	34328	3.679	ng		94
91) Benzo(g,h,i)perylene	21.96	276	135051	14.750	ng		97

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

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