Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091649.D
Acq On : 16 Dec 2016 00:50
Operator : UM/SJ
Sample : H6029-04MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-SOIL-01MS

Quant Time: Dec 16 02:22:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	704629	20.00	ng		0.16
21) Naphthalene-d8	8.40	136	425	20.00	ng		0.32
38) Acenaphthene-d10	10.28	164	18642	20.00	ng		0.46
63) Phenanthrene-d10	0.00	188	0	0.00	ng		-11.31
75) Chrysene-d12	13.94	240	612	20.00	ng		0.00
86) Perylene-d12	15.35	264	2213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1929677	46.14	ng		0.02
7) Phenol-d6	6.44	99	2263891	43.42	ng		0.01
23) Nitrobenzene-d5	7.62	82	1557147	204491.03	ng		0.26
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng		
78) Terphenyl-d14	12.90	244	1857484	68871.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	231341	10.48	ng		87
3) Pyridine	3.09	79	723989	12.31	ng	#	81
4) n-Nitrosodimethylamine	3.05	42	352930	13.97	ng	#	73
6) Aniline	6.53	93	739871	10.82	ng	#	36
8) 2-Chlorophenol	6.58	128	747241	15.83	ng		98
10) Phenol	6.45	94	1072676	17.60	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	739871	16.16	ng	#	79
12) 1,3-Dichlorobenzene	6.81	146	741812	14.49	ng		100
13) 1,4-Dichlorobenzene	6.81	146	741812	14.69	ng		100
14) 1,2-Dichlorobenzene	6.96	146	624376	13.72	ng		98
15) Benzyl Alcohol	6.93	79	573155	13.92	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	969551	13.66	ng		83
17) 2-Methylphenol	7.21	107	674879	17.28	ng	#	73
19) n-Nitroso-di-n-propylamine	7.36	70	197150	6.05	ng	#	65
20) 3+4-Methylphenols	7.21	107	674879	13.83	ng	#	73
22) Acetophenone	7.73	105	23861	2343.28	ng	#	1
24) Nitrobenzene	7.62	77	50733	6305.89	ng	#	68
27) 2,4-Dimethylphenol	8.21	122	14251	2285.00	ng	#	26
31) Naphthalene	8.14	128	19181	970.01	ng	#	1
32) Benzoic acid	8.21	122	14251	2864.22	ng	#	2
35) Caprolactam	8.89	113	29606	18682.93	ng	#	1
36) 4-Chloro-3-methylphenol	8.96	107	44339	7285.86	ng	#	6
37) 2-Methylnaphthalene	8.89	142	1180181	92212.16	ng		96
45) 1,1'-Biphenyl	9.86	154	1035960	767.23	ng	#	14
46) 2-Chloronaphthalene	9.76	162	2211	2.11	ng	#	37
47) 2-Nitroaniline	9.78	65	275022	782.18	ng	#	63
48) Acenaphthylene	9.86	152	488369	306.40	ng	#	1
49) Dimethylphthalate	9.98	163	339742	287.82	ng	#	95
50) 2,6-Dinitrotoluene	10.02	165	343809	1327.05	ng	#	74
51) Acenaphthene	10.49	154	24713	22.32	ng	#	24
52) 3-Nitroaniline	10.40	138	309653	1017.45	ng	#	32
53) 2,4-Dinitrophenol	10.53	184	3100	29.23	ng	#	1
54) Dibenzofuran	10.49	168	663456	484.39	ng	#	1
55) 4-Nitrophenol	10.37	139	160217	707.58	ng	#	18

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 2,4-Dinitrotoluene	10.37	165	992252	3055.46	ng	#	42
57) Fluorene	10.61	166	17905	14.97	ng	#	92
60) 4-Chlorophenyl-phenylether	11.12	204	42893	87.10	ng	#	89
61) 4-Nitroaniline	10.85	138	2063	6.82	ng	#	1
62) Azobenzene	10.85	77	204658	158.90	ng	#	46
76) Benzidine	12.65	184	944222	49897.52	ng		97
77) Pyrene	12.75	202	1680759	34616.58	ng		99
79) Butylbenzylphthalate	13.37	149	730689	38606.31	ng		88
80) Benzo(a)anthracene	13.93	228	1319678	37130.20	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	522874	40968.95	ng	#	95
82) Chrysene	13.97	228	1369229	36821.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	1017255	41891.74	ng	#	93
84) Di-n-octyl phthalate	14.55	149	1853407	44967.46	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.71	276	961032	28720.02	ng		100
87) Benzo(b)fluoranthene	14.98	252	2492563	18894.23	ng		99
88) Benzo(k)fluoranthene	14.98	252	2492851	21490.88	ng		99
89) Benzo(a)pyrene	15.29	252	1163235	9787.71	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	789581	7416.34	ng		96
91) Benzo(g,h,i)perylene	17.12	276	752231	6942.34	ng		96

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

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