Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091843.D
Acq On : 21 Dec 2016 19:45
Operator : UM/SJ
Sample : H6103-01
Misc : LOD 1PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-SOIL-01-QT1-2017

Manual Integrations APPROVED
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12/22/2016 7:08:50 PM

Quant Time: Dec 22 03:06:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	247371	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	1075773	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	544372	20.00	ng		-0.01
63) Phenanthrene-d10	11.27	188	972871	20.00	ng		0.00
75) Chrysene-d12	13.89	240	781331	20.00	ng		-0.01
86) Perylene-d12	15.29	264	683740	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	2256206	152.29	ng		0.02
7) Phenol-d6	6.40	99	2204353	121.87	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1433540	74.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	597810	132.70	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	2690643	104.18	ng		0.00
78) Terphenyl-d14	12.85	244	2145533	66.60	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.28	79	16839m	0.66	ng		
4) n-Nitrosodimethylamine	3.12	42	7547m	0.79	ng		
6) Aniline	6.41	93	18725	0.80	ng		94
8) 2-Chlorophenol	6.53	128	16207	0.96	ng		89
9) Benzaldehyde	6.29	77	9247	0.48	ng		98
10) Phenol	6.41	94	23742	1.15	ng		92
11) bis(2-Chloroethyl)ether	6.49	93	19591	1.19	ng		94
12) 1,3-Dichlorobenzene	6.68	146	16802	0.93	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	17254	0.94	ng		95
14) 1,2-Dichlorobenzene	6.91	146	15199m	0.96	ng		
15) Benzyl Alcohol	6.90	79	34684	2.47	ng	#	54
16) 2,2'-oxybis(1-Chloropropan	7.02	45	23232	0.95	ng		90
17) 2-Methylphenol	7.01	107	12726	0.94	ng		98
18) Hexachloroethane	7.25	117	6681	0.98	ng	#	79
20) 3+4-Methylphenols	7.17	107	16325	1.01	ng	#	70
22) Acetophenone	7.15	105	22375	0.84	ng	#	94
24) Nitrobenzene	7.32	77	19632	0.95	ng		93
25) Isophorone	7.56	82	27583m	0.77	ng		
26) 2-Nitrophenol	7.65	139	7023	0.69	ng	#	87
27) 2,4-Dimethylphenol	7.70	122	13423	0.80	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	17388	0.80	ng	#	97
29) 2,4-Dichlorophenol	7.90	162	11335	0.79	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	13969	0.89	ng		98
31) Naphthalene	8.05	128	48837	0.99	ng		98
32) Benzoic acid	7.77	122	5336	0.43	ng	#	83
33) 4-Chloroaniline	8.11	127	16228	0.73	ng		95
34) Hexachlorobutadiene	8.18	225	7500	0.91	ng		93
35) Caprolactam	8.43	113	2800	0.60	ng	#	66
36) 4-Chloro-3-methylphenol	8.59	107	12175	0.74	ng		95
37) 2-Methylnaphthalene	8.74	142	27442	0.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	13522	0.98	ng		98
42) 2,4,6-Trichlorophenol	9.02	196	7770	0.81	ng		90
45) 1,1'-Biphenyl	9.21	154	44958	1.21	ng		98
46) 2-Chloronaphthalene	9.23	162	29588	1.00	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
47) 2-Nitroaniline	9.33	65	7621	0.73 ng	#	76
48) Acenaphthylene	9.64	152	46336	1.02 ng		96
49) Dimethylphthalate	9.50	163	33340	0.96 ng		98
50) 2,6-Dinitrotoluene	9.57	165	6008	0.79 ng		89
51) Acenaphthene	9.81	154	31713	1.03 ng		98
52) 3-Nitroaniline	9.74	138	6535	0.69 ng		85
54) Dibenzofuran	9.98	168	41442	1.00 ng		97
55) 4-Nitrophenol	9.93	139	2670	0.42 ng		98
56) 2,4-Dinitrotoluene	9.97	165	7580	0.79 ng	#	97
57) Fluorene	10.33	166	33663	1.11 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	6340	0.81 ng	#	98
59) Diethylphthalate	10.20	149	31000	0.92 ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	14428	1.09 ng	#	79
61) 4-Nitroaniline	10.34	138	6697	0.69 ng		90
62) Azobenzene	10.49	77	31846	0.86 ng		85
64) 4,6-Dinitro-2-methylphenol	10.38	198	1171	0.20 ng	#	45
65) n-Nitrosodiphenylamine	10.44	169	26653	0.92 ng		99
66) 4-Bromophenyl-phenylether	10.81	248	7835	0.77 ng	#	88
67) Hexachlorobenzene	10.88	284	9284	0.86 ng	#	92
68) Atrazine	10.97	200	6147	0.66 ng		93
69) Pentachlorophenol	11.08	266	832	0.16 ng		96
70) Phenanthrene	11.29	178	51152	0.97 ng		94
71) Anthracene	11.33	178	44882	0.18 ng		99
72) Carbazole	11.49	167	42451	0.78 ng		98
73) Di-n-butylphthalate	11.84	149	47087	Below Cal	#	97
74) Fluoranthene	12.48	202	44945	Below Cal		92
76) Benzidine	12.60	184	14628	Below Cal		96
77) Pyrene	12.69	202	48637	0.85 ng		99
79) Butylbenzylphthalate	13.32	149	18388	0.71 ng		96
80) Benzo(a)anthracene	13.88	228	42944	0.97 ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	10362	0.62 ng	#	91
82) Chrysene	13.92	228	40202	0.91 ng		96
83) Bis(2-ethylhexyl)phthalate	13.88	149	24320	0.79 ng	#	99
84) Di-n-octyl phthalate	14.50	149	42147	0.74 ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	30267	0.79 ng		96
87) Benzo(b)fluoranthene	14.90	252	38079m	0.89 ng		
88) Benzo(k)fluoranthene	14.92	252	31793m	0.88 ng		
89) Benzo(a)pyrene	15.23	252	32444	0.86 ng		98
90) Dibenzo(a,h)anthracene	16.64	278	25698	0.83 ng		99
91) Benzo(g,h,i)perylene	17.01	276	26246	0.81 ng	#	94

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

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