Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091842.D
Acq On : 21 Dec 2016 19:18
Operator : UM/SJ
Sample : H6103-02
Misc : LOQ 20PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Manual Integrations APPROVED
sohil
12/22/2016 7:08:48 PM

Quant Time: Dec 22 03:02:18 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	6.75	152	257193	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	1055805	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	575044	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	946596	20.00	ng		0.00
75) Chrysene-d12	13.89	240	713412	20.00	ng		-0.01
86) Perylene-d12	15.30	264	689158	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1985089	128.87	ng		0.02
7) Phenol-d6	6.40	99	2745600	146.00	ng		-0.01
23) Nitrobenzene-d5	7.32	82	2101078	110.66	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	641651	134.83	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	3132588	116.38	ng		0.00
78) Terphenyl-d14	12.85	244	2585913	87.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	154120	20.32	ng		98
3) Pyridine	3.13	79	391905	14.81	ng		97
4) n-Nitrosodimethylamine	3.04	42	170327	17.06	ng		97
6) Aniline	6.41	93	228297	9.35	ng	#	79
8) 2-Chlorophenol	6.53	128	302187	17.25	ng		99
9) Benzaldehyde	6.29	77	213230	16.27	ng		93
10) Phenol	6.41	94	261386	12.20	ng	#	74
11) bis(2-Chloroethyl)ether	6.49	93	287014	16.83	ng		98
12) 1,3-Dichlorobenzene	6.68	146	316498m	16.92	ng		
13) 1,4-Dichlorobenzene	6.76	146	322532	16.94	ng		97
14) 1,2-Dichlorobenzene	6.92	146	284841	17.24	ng		95
15) Benzyl Alcohol	6.90	79	259185	17.74	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	448732	17.67	ng		78
17) 2-Methylphenol	7.01	107	246937	17.52	ng		99
18) Hexachloroethane	7.25	117	118847	16.84	ng	#	87
19) n-Nitroso-di-n-propylamine	7.16	70	212682	17.00	ng		99
20) 3+4-Methylphenols	7.17	107	320641	19.08	ng	#	74
22) Acetophenone	7.16	105	459246	17.63	ng	#	93
24) Nitrobenzene	7.33	77	355430	17.58	ng		92
25) Isophorone	7.57	82	587531	16.77	ng		98
26) 2-Nitrophenol	7.65	139	165443	16.59	ng	#	84
27) 2,4-Dimethylphenol	7.70	122	285385	17.25	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	359549	16.93	ng		98
29) 2,4-Dichlorophenol	7.89	162	236207	16.86	ng		87
30) 1,2,4-Trichlorobenzene	7.97	180	259960	16.94	ng		96
31) Naphthalene	8.05	128	888915	18.40	ng		98
32) Benzoic acid	7.80	122	177078	14.43	ng		99
33) 4-Chloroaniline	8.11	127	240227	11.03	ng		94
34) Hexachlorobutadiene	8.18	225	149369	18.44	ng		99
35) Caprolactam	8.46	113	77180	16.77	ng		91
36) 4-Chloro-3-methylphenol	8.60	107	275038	17.06	ng		89
37) 2-Methylnaphthalene	8.75	142	572216	15.64	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	239741	16.50	ng		99
40) Hexachlorocyclopentadiene	8.90	237	76105	15.16	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	168872	16.62	ng		94
43) 2,4,5-Trichlorophenol	9.07	196	165649	15.84	ng		95
45) 1,1'-Biphenyl	9.21	154	699562	17.77	ng		96
46) 2-Chloronaphthalene	9.23	162	521025	16.71	ng		95
47) 2-Nitroaniline	9.33	65	188302	16.96	ng	#	79
48) Acenaphthylene	9.64	152	820603	17.11	ng		99
49) Dimethylphthalate	9.52	163	633350	17.22	ng		99
50) 2,6-Dinitrotoluene	9.57	165	137352	17.06	ng	#	84
51) Acenaphthene	9.81	154	549895	16.91	ng		98
52) 3-Nitroaniline	9.74	138	116529	11.70	ng	#	77
53) 2,4-Dinitrophenol	9.85	184	57317	12.80	ng	#	64
54) Dibenzofuran	9.98	168	708567	16.14	ng		99
55) 4-Nitrophenol	9.92	139	117837	17.42	ng	#	80
56) 2,4-Dinitrotoluene	9.97	165	175987	17.42	ng		91
57) Fluorene	10.33	166	566139	17.72	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	132450	16.02	ng		99
59) Diethylphthalate	10.21	149	622708	17.43	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	269998	19.30	ng	#	86
61) 4-Nitroaniline	10.35	138	159227	15.42	ng		95
62) Azobenzene	10.49	77	682026	17.34	ng		92
64) 4,6-Dinitro-2-methylphenol	10.38	198	90911	15.88	ng		73
65) n-Nitrosodiphenylamine	10.44	169	484875	17.26	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	163806	16.64	ng	#	76
67) Hexachlorobenzene	10.88	284	166570	15.83	ng	#	82
68) Atrazine	10.97	200	110517	12.20	ng		99
69) Pentachlorophenol	11.08	266	71049	13.76	ng		97
70) Phenanthrene	11.29	178	854957	16.66	ng		98
71) Anthracene	11.34	178	867814	15.28	ng		96
72) Carbazole	11.49	167	757236	13.73	ng		98
73) Di-n-butylphthalate	11.84	149	984894	17.77	ng	#	97
74) Fluoranthene	12.48	202	880689	17.19	ng		92
76) Benzidine	12.60	184	262025	10.91	ng		98
77) Pyrene	12.69	202	893292	17.07	ng		99
79) Butylbenzylphthalate	13.32	149	377106	15.84	ng		93
80) Benzo(a)anthracene	13.88	228	693184	17.21	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	172246	11.28	ng	#	94
82) Chrysene	13.93	228	738178	18.27	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	490174	17.48	ng	#	96
84) Di-n-octyl phthalate	14.50	149	874421	16.84	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	603578	17.25	ng		99
87) Benzo(b)fluoranthene	14.90	252	671863m	15.66	ng		
88) Benzo(k)fluoranthene	14.92	252	652709m	17.84	ng		
89) Benzo(a)pyrene	15.23	252	634257	16.66	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	508699	16.25	ng		99
91) Benzo(g,h,i)perylene	17.03	276	511542	15.72	ng		97

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

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