Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090648.D
Acq On : 19 Oct 2016 15:31
Operator : UM/SJ
Sample : H5291-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGSMSD

Manual Integrations APPROVED
Sohil
10/20/2016 10:36:49 AM

Quant Time: Oct 19 16:19:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	261345	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1188693	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	647148	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	1051776	20.00	ng		0.00
75) Chrysene-d12	14.06	240	900825	20.00	ng		0.00
86) Perylene-d12	15.52	264	619177	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1698456	119.14	ng		0.02
7) Phenol-d6	6.53	99	2073193	97.87	ng		0.00
23) Nitrobenzene-d5	7.46	82	1428461	66.76	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	569830	98.76	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2449378	62.36	ng		-0.01
78) Terphenyl-d14	13.01	244	2647572	68.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	234985m	28.92	ng		
3) Pyridine	3.40	79	572723m	31.45	ng		
4) n-Nitrosodimethylamine	3.32	42	258967m	40.96	ng		
6) Aniline	6.55	93	323785	12.65	ng	#	49
8) 2-Chlorophenol	6.68	128	675880	36.56	ng		88
9) Benzaldehyde	6.44	77	110513	8.21	ng		99
10) Phenol	6.54	94	761622	31.44	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	692007	34.62	ng		93
12) 1,3-Dichlorobenzene	6.83	146	629681	34.16	ng		99
13) 1,4-Dichlorobenzene	6.91	146	655146	32.68	ng		99
14) 1,2-Dichlorobenzene	7.06	146	621394	33.15	ng		98
15) Benzyl Alcohol	7.03	79	594766	41.22	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1015701	36.11	ng		91
17) 2-Methylphenol	7.15	107	542524	37.66	ng		98
18) Hexachloroethane	7.40	117	247927	31.29	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	534699	36.81	ng	#	91
20) 3+4-Methylphenols	7.31	107	673117	38.54	ng	#	77
22) Acetophenone	7.30	105	911088	34.69	ng	#	93
24) Nitrobenzene	7.47	77	719528	32.76	ng		98
25) Isophorone	7.72	82	1498860	38.49	ng	#	94
26) 2-Nitrophenol	7.79	139	336259	33.75	ng		100
27) 2,4-Dimethylphenol	7.83	122	630481	38.13	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	861054	37.44	ng		99
29) 2,4-Dichlorophenol	8.04	162	530392	36.63	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	557187	32.85	ng		99
31) Naphthalene	8.20	128	2054056	33.92	ng		99
32) Benzoic acid	7.97	122	354168	34.88	ng		97
33) 4-Chloroaniline	8.25	127	185032	8.00	ng		99
34) Hexachlorobutadiene	8.31	225	292692	30.89	ng		99
35) Caprolactam	8.62	113	172218m	42.61	ng		
36) 4-Chloro-3-methylphenol	8.74	107	613851	36.74	ng		92
37) 2-Methylnaphthalene	8.89	142	1188805	33.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	556699	32.44	ng		99
40) Hexachlorocyclopentadiene	9.05	237	606168	72.32	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	380829	39.35	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	381519	33.04	ng		97
45) 1,1'-Biphenyl	9.35	154	1516178	30.79	ng		99
46) 2-Chloronaphthalene	9.38	162	1178026	32.08	ng		98
47) 2-Nitroaniline	9.48	65	491086	36.89	ng		96
48) Acenaphthylene	9.80	152	2003282	34.26	ng		99
49) Dimethylphthalate	9.66	163	1536124	36.59	ng	#	100
50) 2,6-Dinitrotoluene	9.72	165	316288	34.43	ng	#	75
51) Acenaphthene	9.97	154	1421366	36.57	ng		99
52) 3-Nitroaniline	9.89	138	135949	11.79	ng		99
53) 2,4-Dinitrophenol	9.99	184	316631	64.65	ng	#	69
54) Dibenzofuran	10.14	168	1752277	34.28	ng		95
55) 4-Nitrophenol	10.06	139	494608	71.29	ng		94
56) 2,4-Dinitrotoluene	10.13	165	462555	37.07	ng	#	86
57) Fluorene	10.49	166	1468694	34.83	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	320356m	33.31	ng		
59) Diethylphthalate	10.36	149	1494615	35.10	ng		97
60) 4-Chlorophenyl-phenylether	10.47	204	655048	32.95	ng		92
61) 4-Nitroaniline	10.51	138	335051	28.98	ng		95
62) Azobenzene	10.63	77	1784232	36.22	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	204704	32.16	ng	#	42
65) n-Nitrosodiphenylamine	10.60	169	1263797	36.38	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	386821	34.28	ng	#	90
67) Hexachlorobenzene	11.03	284	447975	36.56	ng	#	77
68) Atrazine	11.13	200	349294	36.35	ng		99
69) Pentachlorophenol	11.23	266	485856	80.00	ng		96
70) Phenanthrene	11.45	178	1894727	33.75	ng		97
71) Anthracene	11.50	178	2200425	36.42	ng		99
72) Carbazole	11.65	167	1766548	32.66	ng		98
73) Di-n-butylphthalate	11.98	149	2257100	35.62	ng	#	97
74) Fluoranthene	12.63	202	1947678	34.49	ng		94
76) Benzidine	12.76	184	165431	7.38	ng		96
77) Pyrene	12.86	202	1896253	31.78	ng		98
79) Butylbenzylphthalate	13.48	149	992109	37.53	ng	#	85
80) Benzo(a)anthracene	14.05	228	1797596	35.05	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	328916	18.77	ng		98
82) Chrysene	14.10	228	1846534	37.37	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	1440238	40.39	ng	#	97
84) Di-n-octyl phthalate	14.66	149	2401417	50.22	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.96	276	1158870	40.56	ng		98
87) Benzo(b)fluoranthene	15.09	252	1719447	42.44	ng		99
88) Benzo(k)fluoranthene	15.13	252	1167063m	26.77	ng		
89) Benzo(a)pyrene	15.46	252	1292782	34.85	ng		97
90) Dibenzo(a,h)anthracene	16.97	278	1004343	35.50	ng		99
91) Benzo(g,h,i)perylene	17.39	276	901131	33.41	ng		99

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

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