Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091332.D
Acq On : 29 Nov 2016 17:41
Operator : UM/SJ
Sample : H5696-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGSMS

Manual Integrations APPROVED
sohil
11/30/2016 10:33:57 AM

Quant Time: Nov 30 06:42:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182772	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	719246	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	414923	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	640249	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	368916	20.00	ng		-0.03
86) Perylene-d12	15.44	264	108740	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1327894	118.69	ng		0.02
7) Phenol-d6	6.50	99	1570848	114.06	ng		0.00
23) Nitrobenzene-d5	7.43	82	1060488	82.63	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	508388	129.42	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2088613	91.14	ng		0.00
78) Terphenyl-d14	12.97	244	1709375	100.71	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	169609	33.51	ng		88
3) Pyridine	3.36	79	210992m	14.73	ng		
4) n-Nitrosodimethylamine	3.26	42	314585	41.86	ng		97
6) Aniline	6.61	93	535464	29.27	ng	#	40
8) 2-Chlorophenol	6.65	128	495080	40.36	ng		89
10) Phenol	6.52	94	652193	40.24	ng		87
11) bis(2-Chloroethyl)ether	6.61	93	535464	46.24	ng		96
12) 1,3-Dichlorobenzene	6.80	146	503854m	36.93	ng		
13) 1,4-Dichlorobenzene	6.88	146	507879	37.42	ng		97
14) 1,2-Dichlorobenzene	7.04	146	496289m	39.26	ng		
15) Benzyl Alcohol	7.01	79	270756	24.57	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1020474	40.99	ng		71
17) 2-Methylphenol	7.12	107	391043	40.33	ng	#	76
18) Hexachloroethane	7.38	117	195267	40.52	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	353214	40.71	ng	#	97
20) 3+4-Methylphenols	7.27	107	463762	39.18	ng	#	69
22) Acetophenone	7.28	105	704114	41.30	ng	#	92
24) Nitrobenzene	7.45	77	561530	42.74	ng	#	76
25) Isophorone	7.69	82	1012209	44.52	ng		98
26) 2-Nitrophenol	7.76	139	241827	40.38	ng		98
27) 2,4-Dimethylphenol	7.81	122	474691	42.37	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	538841	39.37	ng		99
29) 2,4-Dichlorophenol	8.01	162	424081	43.03	ng		91
30) 1,2,4-Trichlorobenzene	8.09	180	466263	42.20	ng		98
31) Naphthalene	8.17	128	1494042	43.71	ng		100
32) Benzoic acid	7.92	122	311938	37.78	ng		96
34) Hexachlorobutadiene	8.30	225	286280	42.14	ng		98
35) Caprolactam	8.60	113	107371m	37.91	ng		
36) 4-Chloro-3-methylphenol	8.70	107	421566	39.62	ng		99
37) 2-Methylnaphthalene	8.87	142	1003548	43.21	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	420602	35.96	ng		98
40) Hexachlorocyclopentadiene	9.02	237	506412	93.40	ng		99
42) 2,4,6-Trichlorophenol	9.14	196	346050	45.52	ng		96
43) 2,4,5-Trichlorophenol	9.19	196	295304	38.76	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.33	154	1105231	37.04	ng		98
46) 2-Chloronaphthalene	9.35	162	857437	38.59	ng		98
47) 2-Nitroaniline	9.44	65	243718	30.54	ng	#	73
48) Acenaphthylene	9.77	152	1392838	39.82	ng		99
49) Dimethylphthalate	9.64	163	1109725	44.17	ng		98
50) 2,6-Dinitrotoluene	9.69	165	270049	48.09	ng	#	73
51) Acenaphthene	9.94	154	1070721	45.38	ng		94
52) 3-Nitroaniline	9.85	138	45807	7.05	ng		96
53) 2,4-Dinitrophenol	9.97	184	247676	100.86	ng	#	67
54) Dibenzofuran	10.12	168	1376956	43.59	ng		92
55) 4-Nitrophenol	10.01	139	262253	55.86	ng		99
56) 2,4-Dinitrotoluene	10.09	165	355301	48.78	ng	#	86
57) Fluorene	10.46	166	1029945	42.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	285077	43.82	ng		96
59) Diethylphthalate	10.33	149	1085676	43.78	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	468621	38.53	ng	#	87
61) 4-Nitroaniline	10.46	138	73138	11.98	ng		92
62) Azobenzene	10.61	77	1078645	42.62	ng		92
64) 4,6-Dinitro-2-methylphenol	10.49	198	150241	42.59	ng	#	81
65) n-Nitrosodiphenylamine	10.56	169	246823	12.72	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	337324	49.02	ng	#	81
67) Hexachlorobenzene	11.00	284	321755	43.27	ng	#	76
69) Pentachlorophenol	11.19	266	355004	81.09	ng		97
70) Phenanthrene	11.41	178	1395322	41.94	ng		100
71) Anthracene	11.46	178	1510601	45.75	ng		99
72) Carbazole	11.61	167	338930	11.31	ng	#	95
73) Di-n-butylphthalate	11.96	149	1586207	46.71	ng		100
74) Fluoranthene	12.60	202	1418782	45.02	ng		99
77) Pyrene	12.83	202	1377188	49.19	ng		99
79) Butylbenzylphthalate	13.44	149	515545	49.18	ng		85
80) Benzo(a)anthracene	14.00	228	945143	43.81	ng		100
82) Chrysene	14.05	228	976292	45.73	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	716798	53.94	ng	#	92
84) Di-n-octyl phthalate	14.62	149	1104673	54.94	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	870799	44.54	ng		96
87) Benzo(b)fluoranthene	15.03	252	1057796m	156.50	ng		
88) Benzo(k)fluoranthene	15.07	252	652635m	114.83	ng		
89) Benzo(a)pyrene	15.39	252	669874	110.36	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	869866	154.95	ng	#	94
91) Benzo(g,h,i)perylene	17.27	276	687364	118.75	ng		99

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

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