Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
Data File : BF094674.D
Acq On : 27 Apr 2017 20:08
Operator : SJ/MA
Sample : I2870-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-CUTTINGS-DRUMS(COMP)M

Manual Integrations APPROVED
mohammad
4/28/2017 3:00:46 PM

Quant Time: Apr 28 05:42:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	113828	20.00	ng		0.01
21) Naphthalene-d8	7.27	136	466739	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	220812	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	392994	20.00	ng		0.00
75) Chrysene-d12	14.48	240	305061	20.00	ng		0.00
86) Perylene-d12	16.10	264	224556	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	834751	121.67	ng		0.04
7) Phenol-d6	5.41	99	950334	117.49	ng		0.01
23) Nitrobenzene-d5	6.43	82	667128	88.26	ng		0.01
41) 2,4,6-Tribromophenol	10.38	330	238908	138.32	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1246075	83.03	ng		0.00
78) Terphenyl-d14	13.20	244	1154736	101.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	103785	26.01	ng	#	82
3) Pyridine	2.74	79	193215	22.16	ng		96
4) n-Nitrosodimethylamine	2.67	42	131179	36.35	ng		91
6) Aniline	5.41	93	189495	17.63	ng	#	46
8) 2-Chlorophenol	5.55	128	327296	41.92	ng		98
9) Benzaldehyde	5.28	77	81076	13.18	ng		95
10) Phenol	5.42	94	348003	35.02	ng		98
11) bis(2-Chloroethyl)ether	5.49	93	301220	41.50	ng		99
12) 1,3-Dichlorobenzene	5.71	146	242519	28.04	ng		99
13) 1,4-Dichlorobenzene	5.80	146	252566	29.02	ng		96
14) 1,2-Dichlorobenzene	5.97	146	240761	30.04	ng		95
15) Benzyl Alcohol	5.95	79	252815	42.14	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	376627	39.57	ng		67
17) 2-Methylphenol	6.10	107	259886	42.27	ng		93
18) Hexachloroethane	6.35	117	80675	27.04	ng	#	86
19) n-Nitroso-di-n-propylamine	6.27	70	227201	42.39	ng		95
20) 3+4-Methylphenols	6.28	107	352999	42.25	ng	#	62
22) Acetophenone	6.25	105	469789	41.40	ng	#	84
24) Nitrobenzene	6.45	77	322715	40.54	ng		94
25) Isophorone	6.74	82	599993	42.82	ng		96
26) 2-Nitrophenol	6.82	139	183996	43.03	ng		96
27) 2,4-Dimethylphenol	6.90	122	289861	41.73	ng		98
28) bis(2-Chloroethoxy)methane	7.00	93	385423	42.52	ng		99
29) 2,4-Dichlorophenol	7.12	162	284651	44.05	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	231272	34.62	ng		99
31) Naphthalene	7.30	128	814880	36.32	ng		100
32) Benzoic acid	7.10	122	182516	49.69	ng		95
33) 4-Chloroaniline	7.38	127	64973	6.96	ng	#	93
34) Hexachlorobutadiene	7.45	225	107129	32.16	ng		99
35) Caprolactam	7.85	113	64508m	31.78	ng		
36) 4-Chloro-3-methylphenol	8.00	107	297853	43.98	ng		89
37) 2-Methylnaphthalene	8.13	142	621610	40.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	248382	39.50	ng		100
40) Hexachlorocyclopentadiene	8.32	237	179780	70.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	188870	42.77	ng		94
43) 2,4,5-Trichlorophenol	8.55	196	203000	44.77	ng		95
45) 1,1'-Biphenyl	8.71	154	740657	41.05	ng		98
46) 2-Chloronaphthalene	8.72	162	587379	40.95	ng		94
47) 2-Nitroaniline	8.87	65	173291	41.99	ng	#	85
48) Acenaphthylene	9.23	152	919228	41.11	ng		99
49) Dimethylphthalate	9.11	163	738854	44.90	ng		99
50) 2,6-Dinitrotoluene	9.17	165	163385	44.23	ng		91
51) Acenaphthene	9.44	154	558127	41.67	ng		99
52) 3-Nitroaniline	9.38	138	71384	16.70	ng		91
53) 2,4-Dinitrophenol	9.52	184	166430	82.82	ng	#	64
54) Dibenzofuran	9.66	168	837984	43.05	ng		99
55) 4-Nitrophenol	9.64	139	155323m	51.45	ng		
56) 2,4-Dinitrotoluene	9.67	165	214152	47.25	ng	#	85
57) Fluorene	10.08	166	649875	42.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	149746	46.07	ng		95
59) Diethylphthalate	9.97	149	685778	44.17	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	279776	44.35	ng		94
61) 4-Nitroaniline	10.14	138	155477	35.79	ng		95
62) Azobenzene	10.28	77	652452	43.28	ng		92
64) 4,6-Dinitro-2-methylphenol	10.18	198	111158	43.17	ng	#	71
65) n-Nitrosodiphenylamine	10.24	169	585208	42.82	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	167229	42.85	ng		96
67) Hexachlorobenzene	10.76	284	171457	43.60	ng	#	89
68) Atrazine	10.92	200	178209	43.58	ng		98
69) Pentachlorophenol	11.01	266	161881	103.67	ng		98
70) Phenanthrene	11.25	178	936712	42.33	ng		99
71) Anthracene	11.32	178	979254	42.78	ng		98
72) Carbazole	11.53	167	898812	41.83	ng		97
73) Di-n-butylphthalate	11.97	149	1106529	46.77	ng		99
74) Fluoranthene	12.71	202	968882	42.24	ng		99
76) Benzidine	12.89	184	228869	18.53	ng	#	93
77) Pyrene	12.99	202	977023	45.84	ng		99
79) Butylbenzylphthalate	13.81	149	468049	50.11	ng		91
80) Benzo(a)anthracene	14.47	228	762576	43.01	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	147280	23.46	ng	#	97
82) Chrysene	14.51	228	695136	42.90	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	652741	52.05	ng	#	100
84) Di-n-octyl phthalate	15.28	149	1067063	50.72	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	597687	38.76	ng		99
87) Benzo(b)fluoranthene	15.70	252	615044	44.77	ng		99
88) Benzo(k)fluoranthene	15.73	252	588442	45.27	ng	#	96
89) Benzo(a)pyrene	16.04	252	562685	44.03	ng		98
90) Dibenzo(a,h)anthracene	17.40	278	502561	47.36	ng		97
91) Benzo(g,h,i)perylene	17.77	276	504607	46.71	ng		97

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

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