Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
Data File : BF094675.D
Acq On : 27 Apr 2017 20:36
Operator : SJ/MA
Sample : I2870-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 28 05:47:23 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

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

Manual Integrations APPROVED
mohammad
4/28/2017 3:00:49 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	109816	20.00	ng		0.01
21) Naphthalene-d8	7.27	136	455739	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	216630	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	390321	20.00	ng		0.00
75) Chrysene-d12	14.48	240	296964	20.00	ng		0.00
86) Perylene-d12	16.10	264	221627	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	808695	122.18	ng		0.04
7) Phenol-d6	5.41	99	927127	118.81	ng		0.01
23) Nitrobenzene-d5	6.43	82	656550	88.96	ng		0.01
41) 2,4,6-Tribromophenol	10.38	330	239144	141.13	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1218484	82.76	ng		0.00
78) Terphenyl-d14	13.20	244	1179663	106.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	106057	27.55	ng	#	83
3) Pyridine	2.73	79	192679	22.90	ng		99
4) n-Nitrosodimethylamine	2.67	42	133224	38.27	ng		83
6) Aniline	5.41	93	221468	21.36	ng	#	52
8) 2-Chlorophenol	5.55	128	322769	42.85	ng		97
9) Benzaldehyde	5.28	77	79524	13.40	ng		94
10) Phenol	5.42	94	342363	35.71	ng		98
11) bis(2-Chloroethyl)ether	5.49	93	299618	42.78	ng		98
12) 1,3-Dichlorobenzene	5.71	146	171830	20.59	ng		96
13) 1,4-Dichlorobenzene	5.80	146	184646	21.99	ng		96
14) 1,2-Dichlorobenzene	5.97	146	179527	23.21	ng		97
15) Benzyl Alcohol	5.95	79	256290	44.28	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	359164	39.12	ng		66
17) 2-Methylphenol	6.10	107	256052	43.16	ng		94
18) Hexachloroethane	6.35	117	51934	18.04	ng	#	86
19) n-Nitroso-di-n-propylamine	6.27	70	230046	44.49	ng		95
20) 3+4-Methylphenols	6.28	107	353669	43.87	ng	#	60
22) Acetophenone	6.25	105	464389	41.91	ng	#	84
24) Nitrobenzene	6.45	77	320169	41.19	ng		96
25) Isophorone	6.74	82	599523	43.82	ng		94
26) 2-Nitrophenol	6.82	139	179885	43.08	ng		95
27) 2,4-Dimethylphenol	6.90	122	297320	43.84	ng		97
28) bis(2-Chloroethoxy)methane	7.00	93	387263	43.76	ng		99
29) 2,4-Dichlorophenol	7.12	162	284006	45.01	ng		100
30) 1,2,4-Trichlorobenzene	7.20	180	197661	30.30	ng		99
31) Naphthalene	7.30	128	727465	33.20	ng		99
32) Benzoic acid	7.10	122	175577	48.95	ng		94
33) 4-Chloroaniline	7.38	127	73615	8.08	ng	#	91
34) Hexachlorobutadiene	7.45	225	81608	25.09	ng		99
35) Caprolactam	7.85	113	68050m	34.33	ng		
36) 4-Chloro-3-methylphenol	8.00	107	302329	45.72	ng		88
37) 2-Methylnaphthalene	8.13	142	600222	40.04	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	244316	39.61	ng		100
40) Hexachlorocyclopentadiene	8.32	237	164021	65.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	192317	44.39	ng		96
43) 2,4,5-Trichlorophenol	8.55	196	202285	45.47	ng		94
45) 1,1'-Biphenyl	8.71	154	743509	42.01	ng		98
46) 2-Chloronaphthalene	8.72	162	579420	41.17	ng		94
47) 2-Nitroaniline	8.87	65	177328	43.80	ng		88
48) Acenaphthylene	9.23	152	930329	42.41	ng		98
49) Dimethylphthalate	9.11	163	745168	46.16	ng		98
50) 2,6-Dinitrotoluene	9.17	165	167769	46.30	ng		91
51) Acenaphthene	9.44	154	567435	43.18	ng		100
52) 3-Nitroaniline	9.38	138	81160	19.36	ng		92
53) 2,4-Dinitrophenol	9.52	184	172689	87.26	ng	#	66
54) Dibenzofuran	9.66	168	850667	44.54	ng		99
55) 4-Nitrophenol	9.64	139	156701m	52.91	ng		
56) 2,4-Dinitrotoluene	9.68	165	219610	49.39	ng		98
57) Fluorene	10.08	166	660775	44.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	148558	46.59	ng	#	95
59) Diethylphthalate	9.97	149	710314	46.63	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	285612	46.15	ng		93
61) 4-Nitroaniline	10.14	138	160596	37.68	ng		96
62) Azobenzene	10.28	77	670888	45.36	ng		93
64) 4,6-Dinitro-2-methylphenol	10.18	198	118133	46.19	ng	#	74
65) n-Nitrosodiphenylamine	10.24	169	600226	44.22	ng		99
66) 4-Bromophenyl-phenylether	10.69	248	170984	44.12	ng		92
67) Hexachlorobenzene	10.76	284	177901	45.55	ng	#	92
68) Atrazine	10.92	200	182422	44.92	ng		97
69) Pentachlorophenol	11.01	266	162556	104.81	ng		99
70) Phenanthrene	11.25	178	964784	43.89	ng		98
71) Anthracene	11.32	178	997810	43.89	ng		98
72) Carbazole	11.53	167	917975	43.02	ng		97
73) Di-n-butylphthalate	11.98	149	1137357	48.41	ng		99
74) Fluoranthene	12.72	202	994622	43.66	ng		98
76) Benzidine	12.89	184	96024	7.99	ng	#	91
77) Pyrene	12.99	202	999756	48.19	ng		99
79) Butylbenzylphthalate	13.81	149	484527	53.29	ng		90
80) Benzo(a)anthracene	14.47	228	774984	44.90	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	162358	26.57	ng	#	97
82) Chrysene	14.51	228	708889	44.94	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	668417	54.75	ng		99
84) Di-n-octyl phthalate	15.28	149	1093971	53.42	ng		97
85) Indeno(1,2,3-cd)pyrene	17.39	276	608899	40.57	ng		99
87) Benzo(b)fluoranthene	15.70	252	599370	44.21	ng		98
88) Benzo(k)fluoranthene	15.73	252	609728	47.52	ng		95
89) Benzo(a)pyrene	16.05	252	556563	44.13	ng		100
90) Dibenzo(a,h)anthracene	17.40	278	507419	48.45	ng		98
91) Benzo(g,h,i)perylene	17.77	276	508461	47.69	ng		98

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

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