Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087106.D
Acq On : 17 May 2016 16:53
Operator : UM/SJ
Sample : H2817-15DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PT-BNA-SOILDL

Quant Time: May 17 17:21:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	146380	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	609411	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	310162	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	570885	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	463730	20.00	ng		-0.02
86) Perylene-d12	15.10	264	437066	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	196539	22.57	ng		-0.02
7) Phenol-d6	6.26	99	270159	23.13	ng		-0.02
23) Nitrobenzene-d5	7.16	82	189220	15.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.42	330	73017	21.30	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	352946	18.85	ng		-0.02
78) Terphenyl-d14	12.69	244	331683	16.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	1240	0.28	ng	#	22
4) n-Nitrosodimethylamine	2.64	42	1576	0.21	ng	#	1
6) Aniline	6.27	93	13889	0.94	ng	#	1
8) 2-Chlorophenol	6.38	128	199453	18.82	ng	#	79
9) Benzaldehyde	6.27	77	4459	0.34	ng	#	4
10) Phenol	6.27	94	403749	27.50	ng		91
11) bis(2-Chloroethyl)ether	6.33	93	225731	20.47	ng	#	81
12) 1,3-Dichlorobenzene	6.76	146	498047	44.22	ng		96
13) 1,4-Dichlorobenzene	6.76	146	507732	44.06	ng		95
14) 1,2-Dichlorobenzene	6.76	146	517421	51.29	ng		99
15) Benzyl Alcohol	6.74	79	2889	0.33	ng	#	37
16) 2,2'-oxybis(1-Chloropropan	6.89	45	3830	0.17	ng		96
17) 2-Methylphenol	6.90	107	810	0.09	ng	#	82
18) Hexachloroethane	7.10	117	171622	38.95	ng		95
19) n-Nitroso-di-n-propylamine	7.03	70	1472	0.17	ng	#	52
20) 3+4-Methylphenols	7.10	107	1704	0.15	ng	#	66
22) Acetophenone	7.04	105	893	0.06	ng	#	7
24) Nitrobenzene	7.16	77	1471	0.11	ng	#	42
25) Isophorone	7.43	82	784762	35.06	ng		98
26) 2-Nitrophenol	7.43	139	11454	2.07	ng	#	28
27) 2,4-Dimethylphenol	7.58	122	1699	0.18	ng	#	66
28) bis(2-Chloroethoxy)methane	7.66	93	1409	0.11	ng	#	80
29) 2,4-Dichlorophenol	7.76	162	134976	16.23	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	269689	29.22	ng		98
31) Naphthalene	7.91	128	421196	14.15	ng		99
32) Benzoic acid	7.83	122	1429	0.25	ng	#	17
33) 4-Chloroaniline	7.99	127	5201	0.42	ng		96
34) Hexachlorobutadiene	8.02	225	78087	14.91	ng		98
35) Caprolactam	8.47	113	9319	3.36	ng	#	21
36) 4-Chloro-3-methylphenol	8.47	107	345716	34.46	ng		97
37) 2-Methylnaphthalene	8.59	142	746211	39.18	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	1465	0.16	ng	#	88
42) 2,4,6-Trichlorophenol	8.89	196	158995	27.06	ng		92
43) 2,4,5-Trichlorophenol	8.94	196	79174	12.97	ng	#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.06	154	4643	0.18	ng	#	84
46) 2-Chloronaphthalene	9.08	162	404909	20.51	ng		99
47) 2-Nitroaniline	9.22	65	814	0.11	ng	#	52
48) Acenaphthylene	9.50	152	7012	0.23	ng		97
49) Dimethylphthalate	9.37	163	32210	1.36	ng	#	98
50) 2,6-Dinitrotoluene	9.63	165	39204	7.63	ng	#	21
51) Acenaphthene	9.66	154	331067	17.58	ng		97
52) 3-Nitroaniline	9.66	138	1779	0.32	ng	#	56
54) Dibenzofuran	9.84	168	5343	0.22	ng	#	1
55) 4-Nitrophenol	9.80	139	104010	39.24	ng	#	70
56) 2,4-Dinitrotoluene	9.85	165	1401	0.21	ng	#	1
57) Fluorene	10.17	166	5399	0.28	ng	#	79
58) 2,3,4,6-Tetrachlorophenol	9.98	232	2132	0.45	ng	#	80
59) Diethylphthalate	10.07	149	446126	19.75	ng		96
60) 4-Chlorophenyl-phenylether	10.17	204	313098	33.75	ng		96
61) 4-Nitroaniline	10.24	138	807	0.15	ng	#	59
62) Azobenzene	10.33	77	5958	0.23	ng	#	82
65) n-Nitrosodiphenylamine	10.30	169	4279	0.24	ng		95
66) 4-Bromophenyl-phenylether	10.66	248	109832	18.71	ng	#	88
67) Hexachlorobenzene	10.72	284	1863	0.27	ng	#	56
68) Atrazine	10.83	200	710	0.12	ng	#	76
69) Pentachlorophenol	10.93	266	69538	27.20	ng		96
70) Phenanthrene	11.19	178	613614	19.82	ng		98
71) Anthracene	11.19	178	614528	19.62	ng		98
72) Carbazole	11.36	167	10473	0.37	ng		97
73) Di-n-butylphthalate	11.69	149	982770	29.91	ng		98
74) Fluoranthene	12.54	202	890040	28.69	ng		96
76) Benzidine	12.69	184	5174	1.29	ng	#	95
77) Pyrene	12.54	202	900857	26.89	ng		99
79) Butylbenzylphthalate	13.18	149	250967	17.75	ng		95
80) Benzo(a)anthracene	13.76	228	701420	26.16	ng		96
81) 3,3'-Dichlorobenzidine	13.70	252	5077	0.30	ng		96
82) Chrysene	13.76	228	701994	27.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	407698	23.69	ng		98
84) Di-n-octyl phthalate	14.34	149	733846	24.75	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.34	276	4829	0.21	ng	#	89
87) Benzo(b)fluoranthene	14.75	252	1028272	35.46	ng	#	97
88) Benzo(k)fluoranthene	14.75	252	1028272	47.64	ng		100
90) Dibenzo(a,h)anthracene	16.35	278	4492	0.22	ng		98
91) Benzo(g,h,i)perylene	16.70	276	251759	12.22	ng		94

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

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