Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094442.D
Acq On : 17 Apr 2017 11:49
Operator : SJ/MA
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Apr 17 13:47:32 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 13:38:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	151337	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	601637	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	274462	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	483943	20.00	ng		0.00
75) Chrysene-d12	14.46	240	435941	20.00	ng		0.00
86) Perylene-d12	16.08	264	389765	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	198640	22.17	ng		0.00
7) Phenol-d6	5.38	99	238149	21.48	ng		-0.01
23) Nitrobenzene-d5	6.40	82	208583	19.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.37	330	47014	21.68	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	429225	23.85	ng		0.00
78) Terphenyl-d14	13.19	244	358454	18.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	55710	12.94	ng		94
3) Pyridine	2.59	79	115275	9.83	ng		98
4) n-Nitrosodimethylamine	2.54	42	49692	10.29	ng		93
6) Aniline	5.38	93	156871	10.17	ng		94
8) 2-Chlorophenol	5.53	128	112261	11.40	ng		95
9) Benzaldehyde	5.25	77	88735	11.86	ng		98
10) Phenol	5.39	94	140168	11.11	ng		97
11) bis(2-Chloroethyl)ether	5.46	93	100922	10.24	ng		96
12) 1,3-Dichlorobenzene	5.69	146	122902	11.13	ng		99
13) 1,4-Dichlorobenzene	5.78	146	123087	11.00	ng		98
14) 1,2-Dichlorobenzene	5.95	146	117213	11.38	ng		96
15) Benzyl Alcohol	5.93	79	86898	10.71	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.09	45	136371	8.98	ng		84
17) 2-Methylphenol	6.08	107	88406	10.48	ng		96
18) Hexachloroethane	6.35	117	41423	10.53	ng	#	86
19) n-Nitroso-di-n-propylamine	6.24	70	76055	10.68	ng		95
20) 3+4-Methylphenols	6.26	107	118299	11.58	ng	#	61
22) Acetophenone	6.23	105	156101	11.64	ng	#	86
24) Nitrobenzene	6.43	77	108576	10.44	ng		93
25) Isophorone	6.72	82	191790	10.35	ng		96
26) 2-Nitrophenol	6.80	139	56246	11.34	ng		90
27) 2,4-Dimethylphenol	6.89	122	95818	11.21	ng		98
28) bis(2-Chloroethoxy)methane	6.98	93	125863	10.30	ng		98
29) 2,4-Dichlorophenol	7.11	162	90500	11.33	ng		96
30) 1,2,4-Trichlorobenzene	7.20	180	93820	11.40	ng		97
31) Naphthalene	7.29	128	317469	10.97	ng		98
32) Benzoic acid	7.01	122	42861	7.54	ng		98
33) 4-Chloroaniline	7.36	127	130738	11.15	ng		93
34) Hexachlorobutadiene	7.45	225	45522	10.79	ng		99
35) Caprolactam	7.76	113	26570	10.43	ng		96
36) 4-Chloro-3-methylphenol	7.98	107	94559	11.33	ng		90
37) 2-Methylnaphthalene	8.13	142	218069	11.31	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	85700	11.41	ng		99
40) Hexachlorocyclopentadiene	8.32	237	24777	7.05	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	58174	10.95	ng		95
43) 2,4,5-Trichlorophenol	8.54	196	60261	10.48	ng		95
45) 1,1'-Biphenyl	8.70	154	251603	11.37	ng		98
46) 2-Chloronaphthalene	8.72	162	199613	11.52	ng		96
47) 2-Nitroaniline	8.85	65	53311	10.37	ng		95
48) Acenaphthylene	9.22	152	310058	10.77	ng		97
49) Dimethylphthalate	9.09	163	217829	11.17	ng		98
50) 2,6-Dinitrotoluene	9.15	165	49202	11.00	ng	#	87
51) Acenaphthene	9.43	154	184089	10.95	ng		99
52) 3-Nitroaniline	9.35	138	55716	10.61	ng	#	95
53) 2,4-Dinitrophenol	9.49	184	15176	7.12	ng	#	76
54) Dibenzofuran	9.65	168	273001	11.93	ng		98
55) 4-Nitrophenol	9.62	139	29788	7.24	ng	#	73
56) 2,4-Dinitrotoluene	9.65	165	62174	11.07	ng	#	64
57) Fluorene	10.07	166	217744	11.48	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	42023	10.66	ng	#	95
59) Diethylphthalate	9.95	149	210490	10.92	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	95661	11.84	ng		89
61) 4-Nitroaniline	10.10	138	56131	11.14	ng		95
62) Azobenzene	10.27	77	202908	11.12	ng		97
64) 4,6-Dinitro-2-methylphenol	10.15	198	27449	9.26	ng	#	73
65) n-Nitrosodiphenylamine	10.23	169	189810	11.34	ng		100
66) 4-Bromophenyl-phenylether	10.67	248	51818	10.89	ng		97
67) Hexachlorobenzene	10.75	284	52296	10.85	ng	#	90
68) Atrazine	10.90	200	55025	10.98	ng		98
69) Pentachlorophenol	11.00	266	14356	4.79	ng		93
70) Phenanthrene	11.25	178	306069	11.37	ng		97
71) Anthracene	11.30	178	318030	11.47	ng		99
72) Carbazole	11.52	167	294087	10.35	ng		96
73) Di-n-butylphthalate	11.97	149	317458	10.74	ng	#	99
74) Fluoranthene	12.70	202	314036	11.39	ng		98
76) Benzidine	12.88	184	186905	10.83	ng	#	93
77) Pyrene	12.97	202	320781	10.14	ng		99
79) Butylbenzylphthalate	13.80	149	134506	9.98	ng		92
80) Benzo(a)anthracene	14.45	228	263580	10.37	ng		97
81) 3,3'-Dichlorobenzidine	14.43	252	96896	10.66	ng	#	97
82) Chrysene	14.49	228	248524	10.53	ng		98
83) Bis(2-ethylhexyl)phthalate	14.52	149	186282	10.13	ng		99
84) Di-n-octyl phthalate	15.27	149	305688	9.95	ng		97
85) Indeno(1,2,3-cd)pyrene	17.34	276	250365	12.25	ng		99
87) Benzo(b)fluoranthene	15.68	252	249986	10.46	ng		97
88) Benzo(k)fluoranthene	15.71	252	246452	10.54	ng	#	94
89) Benzo(a)pyrene	16.02	252	233467	10.61	ng		99
90) Dibenzo(a,h)anthracene	17.36	278	207677	11.15	ng		98
91) Benzo(g,h,i)perylene	17.72	276	212110	11.30	ng		98

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

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