Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093786.D
Acq On : 21 Mar 2017 1:22
Operator : SJ/MA
Sample : I2280-01MS 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Manual Integrations APPROVED
mohammad
3/21/2017 2:45:59 PM

Quant Time: Mar 21 12:32:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 16:03:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	236440	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	903312	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	404929	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	612193	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	387988	20.00	ng		-0.02
86) Perylene-d12	15.39	264	347324	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	42071	3.11	ng		-0.02
7) Phenol-d6	6.45	99	52090	3.12	ng		-0.03
23) Nitrobenzene-d5	7.38	82	28392	1.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.65	330	5421	1.73	ng		-0.02
44) 2-Fluorobiphenyl	9.19	172	60124	2.50	ng		-0.02
78) Terphenyl-d14	12.93	244	39917	2.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	4605	0.67	ng	#	89
3) Pyridine	3.22	79	14552	0.79	ng		93
4) n-Nitrosodimethylamine	3.10	42	6749	0.85	ng	#	86
6) Aniline	6.48	93	11576	0.50	ng		93
8) 2-Chlorophenol	6.61	128	14807	1.00	ng		86
9) Benzaldehyde	6.37	77	7016	0.59	ng	#	69
10) Phenol	6.47	94	66823	3.56	ng		81
11) bis(2-Chloroethyl)ether	6.56	93	17254	1.13	ng		95
12) 1,3-Dichlorobenzene	6.78	146	16151	0.96	ng		97
13) 1,4-Dichlorobenzene	6.85	146	16551m	0.96	ng		
14) 1,2-Dichlorobenzene	7.01	146	17346	1.10	ng		94
15) Benzyl Alcohol	6.97	79	12263	0.99	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.12	45	23962	0.99	ng		98
17) 2-Methylphenol	7.09	107	28218	2.16	ng		96
18) Hexachloroethane	7.35	117	7217	1.18	ng	#	59
19) n-Nitroso-di-n-propylamine	7.24	70	10399	0.95	ng	#	75
20) 3+4-Methylphenols	7.24	107	56466	3.65	ng	#	80
22) Acetophenone	7.24	105	23181	1.19	ng	#	83
24) Nitrobenzene	7.41	77	15442	1.02	ng		98
25) Isophorone	7.66	82	26150	0.93	ng	#	89
26) 2-Nitrophenol	7.74	139	3445	0.50	ng	#	87
27) 2,4-Dimethylphenol	7.77	122	25587	1.81	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	21403	1.18	ng		98
29) 2,4-Dichlorophenol	7.98	162	10615	0.88	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	12933	1.03	ng		97
31) Naphthalene	8.15	128	4631434	110.46	ng		97
32) Benzoic acid	7.91	122	11023	1.25	ng	#	17
34) Hexachlorobutadiene	8.28	225	6398	0.97	ng		94
35) Caprolactam	8.50	113	2586	0.68	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	11709	0.94	ng		98
37) 2-Methylnaphthalene	8.84	142	874450	31.95	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	10421	0.97	ng		96
42) 2,4,6-Trichlorophenol	9.11	196	5969m	0.77	ng		
43) 2,4,5-Trichlorophenol	9.14	196	5495m	0.68	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.29	154	258153	7.84	ng		95
46) 2-Chloronaphthalene	9.32	162	27642	1.10	ng	#	91
47) 2-Nitroaniline	9.41	65	6584	0.93	ng		86
48) Acenaphthylene	9.73	152	990920	24.13	ng		99
49) Dimethylphthalate	9.59	163	42096	1.46	ng		98
50) 2,6-Dinitrotoluene	9.65	165	4143	0.65	ng	#	1
51) Acenaphthene	9.90	154	123636	5.04	ng		97
52) 3-Nitroaniline	9.81	138	5032	0.66	ng	#	92
53) 2,4-Dinitrophenol	10.16	184	313	0.13	ng	#	37
54) Dibenzofuran	10.08	168	645738	19.56	ng		92
55) 4-Nitrophenol	9.97	139	7915m	1.39	ng		
56) 2,4-Dinitrotoluene	10.05	165	10132	1.26	ng	#	78
57) Fluorene	10.42	166	804282	31.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	2264	0.41	ng	#	54
59) Diethylphthalate	10.29	149	30199	1.08	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	12915	1.21	ng		99
61) 4-Nitroaniline	10.41	138	14287	2.10	ng	#	70
62) Azobenzene	10.57	77	37049	1.33	ng	#	1
65) n-Nitrosodiphenylamine	10.53	169	35703	1.75	ng	#	83
66) 4-Bromophenyl-phenylether	10.90	248	6049	1.03	ng		92
67) Hexachlorobenzene	10.97	284	6190	1.02	ng	#	91
68) Atrazine	11.05	200	7681	1.23	ng	#	80
69) Pentachlorophenol	11.16	266	954	0.27	ng		93
70) Phenanthrene	11.38	178	2423591	74.33	ng		100
71) Anthracene	11.43	178	859566	25.61	ng		98
72) Carbazole	11.58	167	297294	8.95	ng		96
73) Di-n-butylphthalate	11.92	149	47608	1.33	ng	#	91
74) Fluoranthene	12.56	202	1361185	40.62	ng		99
76) Benzidine	12.68	184	8758	0.51	ng	#	90
77) Pyrene	12.79	202	1323748	41.00	ng		99
79) Butylbenzylphthalate	13.41	149	14942	1.04	ng	#	77
80) Benzo(a)anthracene	13.97	228	493836m	20.32	ng		
81) 3,3'-Dichlorobenzidine	13.93	252	8272	0.90	ng		98
82) Chrysene	14.00	228	421277m	17.35	ng		
83) Bis(2-ethylhexyl)phthalate	13.98	149	21642	1.25	ng	#	93
84) Di-n-octyl phthalate	14.59	149	31549	0.99	ng	#	67
85) Indeno(1,2,3-cd)pyrene	16.75	276	142191	7.15	ng		96
87) Benzo(b)fluoranthene	14.99	252	394263m	16.84	ng		
88) Benzo(k)fluoranthene	15.01	252	179124m	10.36	ng		
89) Benzo(a)pyrene	15.33	252	348793	18.37	ng		97
90) Dibenzo(a,h)anthracene	16.76	278	53313	3.38	ng	#	91
91) Benzo(g,h,i)perylene	17.15	276	131231	8.39	ng		98

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

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