Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093787.D
Acq On : 21 Mar 2017 1:49
Operator : SJ/MA
Sample : I2280-01MSD 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Manual Integrations APPROVED
mohammad
3/21/2017 2:46:02 PM

Quant Time: Mar 21 12:31:51 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	230226	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	875863	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	383833	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	588301	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	381378	20.00	ng		-0.02
86) Perylene-d12	15.39	264	343037	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	42896	3.26	ng		-0.02
7) Phenol-d6	6.45	99	53542	3.29	ng		-0.03
23) Nitrobenzene-d5	7.38	82	26995	1.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.65	330	5434	1.83	ng		-0.02
44) 2-Fluorobiphenyl	9.19	172	60445	2.65	ng		-0.02
78) Terphenyl-d14	12.93	244	40418	2.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	4780	0.72	ng	#	89
3) Pyridine	3.22	79	9812	0.55	ng	#	92
4) n-Nitrosodimethylamine	3.10	42	6103	0.79	ng	#	97
6) Aniline	6.49	93	9922	0.44	ng		93
8) 2-Chlorophenol	6.61	128	13575	0.94	ng		92
9) Benzaldehyde	6.37	77	10272	0.89	ng	#	79
10) Phenol	6.47	94	46847	2.56	ng		83
11) bis(2-Chloroethyl)ether	6.56	93	14096	0.95	ng		98
12) 1,3-Dichlorobenzene	6.78	146	15327	0.93	ng		95
13) 1,4-Dichlorobenzene	6.85	146	14972m	0.89	ng		
14) 1,2-Dichlorobenzene	7.01	146	16567	1.08	ng		95
15) Benzyl Alcohol	6.97	79	12099	1.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	21907	0.93	ng		99
17) 2-Methylphenol	7.09	107	24655	1.94	ng		96
18) Hexachloroethane	7.35	117	6102	1.03	ng	#	60
19) n-Nitroso-di-n-propylamine	7.24	70	9078	0.85	ng	#	78
20) 3+4-Methylphenols	7.24	107	43405	2.88	ng	#	82
22) Acetophenone	7.24	105	21212	1.12	ng	#	85
24) Nitrobenzene	7.41	77	14775	1.00	ng		93
25) Isophorone	7.66	82	23652	0.86	ng	#	89
26) 2-Nitrophenol	7.74	139	3186	0.48	ng	#	91
27) 2,4-Dimethylphenol	7.77	122	23571	1.72	ng		96
28) bis(2-Chloroethoxy)methane	7.88	93	18769	1.07	ng		98
29) 2,4-Dichlorophenol	7.98	162	9636	0.83	ng		94
30) 1,2,4-Trichlorobenzene	8.07	180	12197	1.01	ng		93
31) Naphthalene	8.15	128	4187202	103.00	ng		97
32) Benzoic acid	7.91	122	9136	1.07	ng	#	18
34) Hexachlorobutadiene	8.28	225	6054	0.95	ng		97
35) Caprolactam	8.50	113	2677	0.73	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	10744	0.89	ng		98
37) 2-Methylnaphthalene	8.84	142	748913	28.22	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	10362	1.02	ng		98
42) 2,4,6-Trichlorophenol	9.11	196	5472m	0.74	ng		
43) 2,4,5-Trichlorophenol	9.14	196	4883m	0.64	ng		

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.29	154	222963	7.15	ng		96
46) 2-Chloronaphthalene	9.32	162	25668	1.07	ng		98
47) 2-Nitroaniline	9.41	65	6102	0.91	ng	#	80
48) Acenaphthylene	9.73	152	664326	17.07	ng		98
49) Dimethylphthalate	9.59	163	38290	1.40	ng	#	98
50) 2,6-Dinitrotoluene	9.65	165	3622	0.60	ng	#	1
51) Acenaphthene	9.90	154	136105	5.85	ng		99
52) 3-Nitroaniline	9.81	138	4668	0.65	ng	#	88
54) Dibenzofuran	10.07	168	593150	18.96	ng		95
55) 4-Nitrophenol	9.97	139	5738m	1.06	ng		
56) 2,4-Dinitrotoluene	10.05	165	8651	1.14	ng	#	88
57) Fluorene	10.41	166	640388	26.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	2061	0.39	ng	#	57
59) Diethylphthalate	10.29	149	27183	1.02	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	11123	1.10	ng		99
61) 4-Nitroaniline	10.41	138	12117	1.88	ng	#	63
62) Azobenzene	10.56	77	25741	0.98	ng	#	80
65) n-Nitrosodiphenylamine	10.53	169	30564	1.56	ng	#	79
66) 4-Bromophenyl-phenylether	10.90	248	5789	1.02	ng		92
67) Hexachlorobenzene	10.97	284	5473	0.94	ng		93
68) Atrazine	11.05	200	6222	1.03	ng		84
69) Pentachlorophenol	11.16	266	682	0.20	ng		90
70) Phenanthrene	11.37	178	1996468	63.72	ng		99
71) Anthracene	11.43	178	631214	19.57	ng		98
72) Carbazole	11.58	167	278647	8.73	ng	#	96
73) Di-n-butylphthalate	11.92	149	45944	1.34	ng	#	95
74) Fluoranthene	12.56	202	1261768	39.18	ng		97
76) Benzidine	12.68	184	7735	0.46	ng	#	89
77) Pyrene	12.78	202	1030563	32.47	ng		99
79) Butylbenzylphthalate	13.41	149	12091	0.85	ng	#	84
80) Benzo(a)anthracene	13.97	228	432248m	18.09	ng		
81) 3,3'-Dichlorobenzidine	13.93	252	6757	0.75	ng		91
82) Chrysene	14.00	228	324882m	13.61	ng		
83) Bis(2-ethylhexyl)phthalate	13.98	149	20621	1.21	ng	#	97
84) Di-n-octyl phthalate	14.59	149	28154	0.90	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.73	276	123545	6.32	ng		97
87) Benzo(b)fluoranthene	14.99	252	357086m	15.44	ng		
88) Benzo(k)fluoranthene	15.01	252	147560m	8.64	ng		
89) Benzo(a)pyrene	15.33	252	295031	15.73	ng		97
90) Dibenzo(a,h)anthracene	16.76	278	47264	3.04	ng		95
91) Benzo(g,h,i)perylene	17.15	276	109757	7.10	ng		98

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

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