Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093556.D
Acq On : 11 Mar 2017 7:12
Operator : SJ/MA
Sample : I2195-05MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Manual Integrations APPROVED
mohammad
3/13/2017 5:50:40 PM

Quant Time: Mar 13 14:09:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173982	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	678797	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	328459	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	591747	20.00	ng		-0.02
75) Chrysene-d12	13.90	240	453191	20.00	ng		-0.02
86) Perylene-d12	15.31	264	352513	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1457182	139.40	ng		0.01
7) Phenol-d6	6.41	99	1697523	128.77	ng		0.00
23) Nitrobenzene-d5	7.32	82	1204711	98.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	303399	141.78	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	1785342	101.10	ng		-0.03
78) Terphenyl-d14	12.85	244	1690533	96.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	251295	43.64	ng	#	85
3) Pyridine	3.10	79	427336m	29.11	ng		
4) n-Nitrosodimethylamine	3.02	42	333194	47.52	ng		82
6) Aniline	6.44	93	100272	5.54	ng	#	18
8) 2-Chlorophenol	6.54	128	523036	44.66	ng		94
9) Benzaldehyde	6.30	77	318591	39.18	ng		92
10) Phenol	6.42	94	727767	45.05	ng	#	76
11) bis(2-Chloroethyl)ether	6.48	93	609320	46.67	ng		88
12) 1,3-Dichlorobenzene	6.68	146	588745m	43.92	ng		
13) 1,4-Dichlorobenzene	6.76	146	613984	44.73	ng		99
14) 1,2-Dichlorobenzene	6.92	146	532080	43.78	ng		96
15) Benzyl Alcohol	6.90	79	418034	44.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	947174	43.67	ng		56
17) 2-Methylphenol	7.03	107	463050	46.74	ng	#	81
18) Hexachloroethane	7.25	117	210909	45.56	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	426020	47.01	ng		95
20) 3+4-Methylphenols	7.20	107	643059	50.05	ng	#	71
22) Acetophenone	7.17	105	802278	49.11	ng	#	94
24) Nitrobenzene	7.34	77	662550	48.19	ng		97
25) Isophorone	7.58	82	1185318	48.05	ng		98
26) 2-Nitrophenol	7.66	139	300560	47.91	ng		90
27) 2,4-Dimethylphenol	7.70	122	479538	46.99	ng		100
28) bis(2-Chloroethoxy)methane	7.78	93	719450	46.19	ng		98
29) 2,4-Dichlorophenol	7.91	162	497422	51.81	ng		87
30) 1,2,4-Trichlorobenzene	7.97	180	470446	46.08	ng	#	93
31) Naphthalene	8.05	128	1510138	44.39	ng		99
32) Benzoic acid	7.88	122	242344	45.70	ng		95
33) 4-Chloroaniline	8.14	127	56332	4.08	ng		97
34) Hexachlorobutadiene	8.16	225	253002	48.11	ng		99
35) Caprolactam	8.49	113	131744m	40.18	ng		
36) 4-Chloro-3-methylphenol	8.62	107	493033	48.11	ng		95
37) 2-Methylnaphthalene	8.74	142	1021932	47.22	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	438300	48.87	ng		98
40) Hexachlorocyclopentadiene	8.88	237	254098	107.40	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	298893	53.34	ng		91
43) 2,4,5-Trichlorophenol	9.09	196	285101	47.42	ng		94
45) 1,1'-Biphenyl	9.20	154	1189619	49.72	ng		97
46) 2-Chloronaphthalene	9.22	162	968405	52.87	ng		95
47) 2-Nitroaniline	9.34	65	322629	49.83	ng		87
48) Acenaphthylene	9.64	152	1463376	48.45	ng		99
49) Dimethylphthalate	9.51	163	1124860	51.66	ng		98
50) 2,6-Dinitrotoluene	9.59	165	236154	49.42	ng	#	75
51) Acenaphthene	9.81	154	846776	47.41	ng		96
52) 3-Nitroaniline	9.77	138	33108	5.77	ng	#	91
53) 2,4-Dinitrophenol	9.89	184	197331	90.69	ng	#	74
54) Dibenzofuran	9.99	168	1317513	58.93	ng		94
55) 4-Nitrophenol	9.97	139	169277m	60.71	ng		
56) 2,4-Dinitrotoluene	10.00	165	316174	53.86	ng	#	74
57) Fluorene	10.33	166	1019460	53.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	242040	57.04	ng		96
59) Diethylphthalate	10.21	149	1091030	52.42	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	471129	55.48	ng	#	78
61) 4-Nitroaniline	10.38	138	207916	35.41	ng		94
62) Azobenzene	10.48	77	1463752	61.90	ng		95
64) 4,6-Dinitro-2-methylphenol	10.41	198	149837	39.08	ng	#	74
65) n-Nitrosodiphenylamine	10.45	169	793095	40.14	ng		100
66) 4-Bromophenyl-phenylether	10.80	248	271999	43.47	ng	#	89
67) Hexachlorobenzene	10.88	284	274105	45.87	ng	#	90
68) Atrazine	10.97	200	190426	32.93	ng		97
69) Pentachlorophenol	11.09	266	171818	83.29	ng		97
70) Phenanthrene	11.29	178	1506649	44.61	ng		98
71) Anthracene	11.34	178	1467520	42.95	ng		99
72) Carbazole	11.50	167	1162533	36.22	ng		100
73) Di-n-butylphthalate	11.82	149	1695839	45.67	ng		98
74) Fluoranthene	12.47	202	1490773	45.69	ng		96
77) Pyrene	12.70	202	1465058	44.45	ng		100
79) Butylbenzylphthalate	13.32	149	740246	53.35	ng		95
80) Benzo(a)anthracene	13.89	228	1259809	47.07	ng		100
81) 3,3'-Dichlorobenzidine	13.87	252	38025	4.06	ng	#	93
82) Chrysene	13.93	228	1244920	50.28	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1076693	55.67	ng	#	96
84) Di-n-octyl phthalate	14.48	149	1639014	50.85	ng		97
85) Indeno(1,2,3-cd)pyrene	16.67	276	930112	44.87	ng	#	93
87) Benzo(b)fluoranthene	14.92	252	1115044m	51.94	ng		
88) Benzo(k)fluoranthene	14.94	252	952652m	46.01	ng		
89) Benzo(a)pyrene	15.26	252	981110	50.00	ng		97
90) Dibenzo(a,h)anthracene	16.67	278	792257	48.81	ng	#	96
91) Benzo(g,h,i)perylene	17.08	276	796678	47.82	ng	#	91

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

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