Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092648.D
Acq On : 30 Jan 2017 21:59
Operator : SJ/MA
Sample : I1569-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELT-GW-01MS

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:49 PM

Quant Time: Jan 31 01:28:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	156478	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	632600	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	357484	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	600350	20.00	ng		0.00
75) Chrysene-d12	14.13	240	389997	20.00	ng		-0.01
86) Perylene-d12	15.61	264	321888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	718045	78.73	ng		0.00
7) Phenol-d6	6.60	99	568207	48.42	ng		0.00
23) Nitrobenzene-d5	7.53	82	1203791	105.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	401668	155.35	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	2106241	106.74	ng		0.00
78) Terphenyl-d14	13.08	244	1586445	95.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	112575	22.84	ng		85
3) Pyridine	3.42	79	305531	24.38	ng		90
4) n-Nitrosodimethylamine	3.36	42	161089	27.38	ng		85
6) Aniline	6.62	93	445588	27.84	ng	#	45
8) 2-Chlorophenol	6.75	128	423331	42.07	ng		98
9) Benzaldehyde	6.50	77	205635	24.46	ng		87
10) Phenol	6.61	94	253730	18.48	ng		100
11) bis(2-Chloroethyl)ether	6.69	93	497467	45.39	ng		93
12) 1,3-Dichlorobenzene	6.90	146	538210	45.67	ng	#	93
13) 1,4-Dichlorobenzene	6.98	146	576614	48.34	ng		96
14) 1,2-Dichlorobenzene	7.14	146	529354	46.41	ng		94
15) Benzyl Alcohol	7.10	79	290712	33.46	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	906736	47.62	ng		95
17) 2-Methylphenol	7.23	107	297259	34.44	ng		96
18) Hexachloroethane	7.48	117	195283	47.96	ng	#	87
19) n-Nitroso-di-n-propylamine	7.38	70	369990	49.53	ng		95
20) 3+4-Methylphenols	7.38	107	296323	28.71	ng	#	61
22) Acetophenone	7.38	105	762477	52.79	ng	#	98
24) Nitrobenzene	7.55	77	567907	48.69	ng		96
25) Isophorone	7.79	82	1080374	51.04	ng		98
26) 2-Nitrophenol	7.87	139	305026	55.01	ng		87
27) 2,4-Dimethylphenol	7.90	122	435113	44.68	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	675827	48.21	ng		98
29) 2,4-Dichlorophenol	8.11	162	415376	45.74	ng		90
30) 1,2,4-Trichlorobenzene	8.19	180	458772	46.87	ng		96
31) Naphthalene	8.27	128	1442082	44.97	ng		99
32) Benzoic acid	8.00	122	89696	21.00	ng		99
33) 4-Chloroaniline	8.33	127	393690	31.30	ng		96
34) Hexachlorobutadiene	8.38	225	240272	44.62	ng		99
35) Caprolactam	8.70	113	21809	7.63	ng	#	61
36) 4-Chloro-3-methylphenol	8.81	107	413070	43.62	ng		99
37) 2-Methylnaphthalene	8.97	142	1077288	52.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	460203	45.86	ng		99
40) Hexachlorocyclopentadiene	9.12	237	389215	85.97	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	330366	50.10	ng		90
43) 2,4,5-Trichlorophenol	9.29	196	343156	47.50	ng		90
45) 1,1'-Biphenyl	9.44	154	1360628	52.56	ng		99
46) 2-Chloronaphthalene	9.46	162	1042624	51.49	ng		98
47) 2-Nitroaniline	9.55	65	330135	48.49	ng		96
48) Acenaphthylene	9.87	152	1530802	43.76	ng		99
49) Dimethylphthalate	9.73	163	1193559	49.57	ng		99
50) 2,6-Dinitrotoluene	9.80	165	302733	58.22	ng	#	86
51) Acenaphthene	10.04	154	1029761	49.24	ng		98
52) 3-Nitroaniline	9.96	138	166353	27.95	ng		94
53) 2,4-Dinitrophenol	10.08	184	276423	103.05	ng	#	89
54) Dibenzofuran	10.21	168	1398828	50.00	ng		98
55) 4-Nitrophenol	10.13	139	143762	33.54	ng		92
56) 2,4-Dinitrotoluene	10.20	165	367508	53.08	ng		92
57) Fluorene	10.56	166	986222	45.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	276604	57.39	ng		94
59) Diethylphthalate	10.43	149	1106042	48.74	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	487991	47.20	ng		96
61) 4-Nitroaniline	10.59	138	285055	46.77	ng		82
62) Azobenzene	10.70	77	1276965	54.47	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	191418	52.14	ng		94
65) n-Nitrosodiphenylamine	10.67	169	899418	46.90	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	299568	47.76	ng		94
67) Hexachlorobenzene	11.10	284	292522	47.19	ng	#	86
68) Atrazine	11.20	200	255584	41.53	ng		98
69) Pentachlorophenol	11.30	266	305534	94.09	ng		98
70) Phenanthrene	11.53	178	1696796	49.33	ng		98
71) Anthracene	11.57	178	1511477	43.76	ng		99
72) Carbazole	11.73	167	1538028	46.58	ng		99
73) Di-n-butylphthalate	12.05	149	1700701	47.63	ng		98
74) Fluoranthene	12.71	202	1589846	44.81	ng		98
76) Benzidine	12.83	184	383646	23.09	ng		97
77) Pyrene	12.95	202	1689738	57.90	ng		99
79) Butylbenzylphthalate	13.55	149	685705	57.86	ng		98
80) Benzo(a)anthracene	14.12	228	1192994	50.01	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	294799	34.67	ng	#	98
82) Chrysene	14.17	228	1187698	53.18	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	961340	59.31	ng	#	96
84) Di-n-octyl phthalate	14.73	149	1545493	58.55	ng		100
85) Indeno(1,2,3-cd)pyrene	17.09	276	995829	57.57	ng		95
87) Benzo(b)fluoranthene	15.17	252	1191690m	56.25	ng		
88) Benzo(k)fluoranthene	15.21	252	757852m	41.43	ng		
89) Benzo(a)pyrene	15.55	252	949117	51.79	ng		97
90) Dibenzo(a,h)anthracene	17.11	278	829039	55.97	ng		97
91) Benzo(g,h,i)perylene	17.54	276	869721	58.12	ng	#	91

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

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