Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093459.D
Acq On : 9 Mar 2017 6:43
Operator : SJ/MA
Sample : I2103-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MS

Manual Integrations APPROVED
mohammad
3/10/2017 8:12:47 AM

Quant Time: Mar 09 07:28:22 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	6.77	152	178863	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	723778	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	299556	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	427925	20.00	ng		0.01
75) Chrysene-d12	13.93	240	372400	20.00	ng		0.01
86) Perylene-d12	15.35	264	293970	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1210369	112.63	ng		0.02
7) Phenol-d6	6.42	99	1465708	108.15	ng		0.01
23) Nitrobenzene-d5	7.34	82	958597	73.49	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	215222	110.28	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	1462712	90.82	ng		0.00
78) Terphenyl-d14	12.87	244	936209	65.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	192594	32.54	ng	#	72
3) Pyridine	3.12	79	387397m	25.67	ng		
4) n-Nitrosodimethylamine	3.04	42	263804	36.60	ng		92
6) Aniline	6.44	93	143380	7.71	ng	#	1
8) 2-Chlorophenol	6.56	128	429629	35.68	ng		94
9) Benzaldehyde	6.33	77	30667	2.30	ng		97
10) Phenol	6.44	94	566443	34.11	ng		82
11) bis(2-Chloroethyl)ether	6.50	93	453774	33.81	ng		94
12) 1,3-Dichlorobenzene	6.70	146	471658m	34.22	ng		
13) 1,4-Dichlorobenzene	6.78	146	481966	34.16	ng		99
14) 1,2-Dichlorobenzene	6.94	146	435636	34.86	ng		96
15) Benzyl Alcohol	6.93	79	358841	37.14	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	781617	35.06	ng		63
17) 2-Methylphenol	7.05	107	349921	34.36	ng	#	87
18) Hexachloroethane	7.27	117	152928	32.13	ng		91
19) n-Nitroso-di-n-propylamine	7.19	70	354431	38.04	ng		95
20) 3+4-Methylphenols	7.21	107	492284	37.27	ng	#	72
22) Acetophenone	7.19	105	643376	36.94	ng	#	92
24) Nitrobenzene	7.36	77	526260	35.90	ng		95
25) Isophorone	7.60	82	924429	35.14	ng		95
26) 2-Nitrophenol	7.68	139	217401	32.50	ng		92
27) 2,4-Dimethylphenol	7.73	122	372121	34.20	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	572278	34.46	ng		100
29) 2,4-Dichlorophenol	7.93	162	376786	36.81	ng		88
30) 1,2,4-Trichlorobenzene	8.00	180	386694	35.52	ng		97
31) Naphthalene	8.08	128	1247928	34.41	ng		99
32) Benzoic acid	7.88	122	168251	29.76	ng		95
33) 4-Chloroaniline	8.15	127	115506	7.85	ng		97
34) Hexachlorobutadiene	8.20	225	201516	35.94	ng		99
35) Caprolactam	8.52	113	98280	28.11	ng	#	28
36) 4-Chloro-3-methylphenol	8.64	107	378728	34.66	ng		98
37) 2-Methylnaphthalene	8.77	142	757076	32.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	354909	43.39	ng		99
40) Hexachlorocyclopentadiene	8.92	237	14674	18.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	218386	42.73	ng		93
43) 2,4,5-Trichlorophenol	9.11	196	211278	38.53	ng		93
45) 1,1'-Biphenyl	9.24	154	978537	44.84	ng		99
46) 2-Chloronaphthalene	9.26	162	735501	44.03	ng		97
47) 2-Nitroaniline	9.37	65	267971	45.38	ng	#	79
48) Acenaphthylene	9.67	152	1050334	38.13	ng		98
49) Dimethylphthalate	9.53	163	858724	43.24	ng		99
50) 2,6-Dinitrotoluene	9.61	165	177553	40.74	ng		89
51) Acenaphthene	9.84	154	649428	39.87	ng		96
52) 3-Nitroaniline	9.78	138	122408	23.38	ng		86
53) 2,4-Dinitrophenol	9.92	184	10994	5.54	ng	#	73
54) Dibenzofuran	10.01	168	899188	44.10	ng		98
55) 4-Nitrophenol	9.98	139	109246m	42.96	ng		
56) 2,4-Dinitrotoluene	10.02	165	196152	36.64	ng	#	74
57) Fluorene	10.36	166	697806	40.39	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.15	232	140828	36.39	ng		99
59) Diethylphthalate	10.23	149	784880	41.35	ng		100
60) 4-Chlorophenyl-phenylether	10.34	204	321857	41.56	ng		92
61) 4-Nitroaniline	10.39	138	175249	32.73	ng		94
62) Azobenzene	10.50	77	897373	41.61	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	10824	3.90	ng	#	5
65) n-Nitrosodiphenylamine	10.47	169	627429	43.91	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	185636	41.02	ng		91
67) Hexachlorobenzene	10.90	284	161246	37.32	ng	#	84
68) Atrazine	11.00	200	119398	28.55	ng		99
69) Pentachlorophenol	11.11	266	112702	75.54	ng		97
70) Phenanthrene	11.32	178	871834	35.69	ng		99
71) Anthracene	11.37	178	926923	37.51	ng		98
72) Carbazole	11.53	167	821516	35.39	ng		98
73) Di-n-butylphthalate	11.85	149	1120343	41.72	ng	#	97
74) Fluoranthene	12.51	202	826251	35.02	ng		96
76) Benzidine	12.63	184	169002	13.80	ng		96
77) Pyrene	12.73	202	843589	31.15	ng		98
79) Butylbenzylphthalate	13.35	149	397690	34.88	ng	#	77
80) Benzo(a)anthracene	13.92	228	770829	35.05	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	211343	27.44	ng	#	95
82) Chrysene	13.96	228	675739	33.21	ng		100
83) Bis(2-ethylhexyl)phthalate	13.90	149	576612	36.28	ng	#	99
84) Di-n-octyl phthalate	14.52	149	1050707	39.67	ng		96
85) Indeno(1,2,3-cd)pyrene	16.72	276	537964	31.59	ng	#	92
87) Benzo(b)fluoranthene	14.95	252	741362m	41.41	ng		
88) Benzo(k)fluoranthene	14.97	252	596461m	34.55	ng		
89) Benzo(a)pyrene	15.29	252	613995	37.52	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	463128	34.21	ng	#	95
91) Benzo(g,h,i)perylene	17.13	276	443735	31.94	ng	#	89

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

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