Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093460.D
Acq On : 9 Mar 2017 7:11
Operator : SJ/MA
Sample : I2103-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
3/10/2017 8:12:50 AM

Quant Time: Mar 09 07:39:02 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	168267	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	684172	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	285794	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	412976	20.00	ng		0.01
75) Chrysene-d12	13.93	240	350509	20.00	ng		0.01
86) Perylene-d12	15.35	264	280283	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1367144	135.22	ng		0.02
7) Phenol-d6	6.42	99	1642390	128.82	ng		0.01
23) Nitrobenzene-d5	7.34	82	1216465	98.65	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	251021	134.81	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	1715593	111.66	ng		0.00
78) Terphenyl-d14	12.87	244	1056902	78.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	220116	39.53	ng	#	72
3) Pyridine	3.13	79	439710m	30.97	ng		
4) n-Nitrosodimethylamine	3.05	42	315424	46.51	ng		88
6) Aniline	6.44	93	183984	10.51	ng	#	1
8) 2-Chlorophenol	6.56	128	505016	44.58	ng		97
9) Benzaldehyde	6.33	77	43366	3.71	ng		97
10) Phenol	6.44	94	654520	41.90	ng		87
11) bis(2-Chloroethyl)ether	6.50	93	562960	44.58	ng		92
12) 1,3-Dichlorobenzene	6.70	146	547896m	42.26	ng		
13) 1,4-Dichlorobenzene	6.78	146	570989	43.01	ng		99
14) 1,2-Dichlorobenzene	6.94	146	516190	43.91	ng		95
15) Benzyl Alcohol	6.93	79	455955	50.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	931254	44.40	ng		64
17) 2-Methylphenol	7.05	107	409852	42.78	ng	#	87
18) Hexachloroethane	7.27	117	179569	40.11	ng		91
19) n-Nitroso-di-n-propylamine	7.19	70	389178	44.40	ng		92
20) 3+4-Methylphenols	7.21	107	601369	48.40	ng	#	73
22) Acetophenone	7.19	105	770999	46.83	ng	#	95
24) Nitrobenzene	7.36	77	604581	43.62	ng		99
25) Isophorone	7.60	82	1087155	43.72	ng		95
26) 2-Nitrophenol	7.68	139	273955	43.33	ng		95
27) 2,4-Dimethylphenol	7.73	122	447054	43.46	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	682437	43.47	ng		97
29) 2,4-Dichlorophenol	7.93	162	445030	45.99	ng		90
30) 1,2,4-Trichlorobenzene	8.00	180	453516	44.07	ng		96
31) Naphthalene	8.08	128	1458566	42.54	ng		99
32) Benzoic acid	7.89	122	228704	42.79	ng		98
33) 4-Chloroaniline	8.15	127	135201	9.72	ng		97
34) Hexachlorobutadiene	8.18	225	226464	42.72	ng		99
35) Caprolactam	8.52	113	106721	32.29	ng	#	26
36) 4-Chloro-3-methylphenol	8.64	107	450565	43.62	ng		98
37) 2-Methylnaphthalene	8.77	142	915815	41.98	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	417298	53.47	ng		99
40) Hexachlorocyclopentadiene	8.92	237	25296	22.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	262930	53.93	ng		96
43) 2,4,5-Trichlorophenol	9.11	196	253791	48.51	ng		97
45) 1,1'-Biphenyl	9.24	154	1122329	53.91	ng		99
46) 2-Chloronaphthalene	9.26	162	875198	54.92	ng		98
47) 2-Nitroaniline	9.36	65	317138	56.29	ng	#	81
48) Acenaphthylene	9.67	152	1211499	46.09	ng		99
49) Dimethylphthalate	9.53	163	1001631	52.87	ng		98
50) 2,6-Dinitrotoluene	9.61	165	213983	51.47	ng	#	85
51) Acenaphthene	9.84	154	761036	48.97	ng		96
52) 3-Nitroaniline	9.78	138	143396	28.71	ng		80
53) 2,4-Dinitrophenol	9.92	184	21577	11.40	ng	#	71
54) Dibenzofuran	10.01	168	1038274	53.37	ng		98
55) 4-Nitrophenol	9.98	139	139815m	57.63	ng		
56) 2,4-Dinitrotoluene	10.02	165	238466	46.69	ng	#	74
57) Fluorene	10.36	166	802246	48.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	176578	47.82	ng		99
59) Diethylphthalate	10.23	149	898355	49.61	ng		100
60) 4-Chlorophenyl-phenylether	10.34	204	373487	50.55	ng		92
61) 4-Nitroaniline	10.39	138	204869	40.11	ng		94
62) Azobenzene	10.50	77	1064560	51.74	ng		95
64) 4,6-Dinitro-2-methylphenol	10.44	198	21545	8.05	ng	#	37
65) n-Nitrosodiphenylamine	10.47	169	715449	51.88	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	218191	49.96	ng		92
67) Hexachlorobenzene	10.90	284	189876	45.53	ng	#	85
68) Atrazine	11.00	200	178042	44.11	ng		99
69) Pentachlorophenol	11.11	266	139750	97.07	ng		97
70) Phenanthrene	11.32	178	1036387	43.97	ng		99
71) Anthracene	11.37	178	1108282	46.48	ng		98
72) Carbazole	11.53	167	967899	43.21	ng		98
73) Di-n-butylphthalate	11.85	149	1314645	50.73	ng	#	97
74) Fluoranthene	12.51	202	951081	41.77	ng		98
76) Benzidine	12.63	184	161420	14.00	ng		97
77) Pyrene	12.73	202	959668	37.65	ng		99
79) Butylbenzylphthalate	13.35	149	496722	46.29	ng	#	82
80) Benzo(a)anthracene	13.92	228	871852	42.12	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	265966	36.69	ng	#	95
82) Chrysene	13.96	228	779385	40.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	660500	44.16	ng	#	100
84) Di-n-octyl phthalate	14.52	149	1184369	47.51	ng		95
85) Indeno(1,2,3-cd)pyrene	16.72	276	639653	39.90	ng	#	93
87) Benzo(b)fluoranthene	14.95	252	854593m	50.06	ng		
88) Benzo(k)fluoranthene	14.97	252	688815m	41.84	ng		
89) Benzo(a)pyrene	15.29	252	730717	46.84	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	548759	42.52	ng	#	94
91) Benzo(g,h,i)perylene	17.13	276	526424	39.74	ng	#	89

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

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