Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092841.D
Acq On : 7 Feb 2017 21:13
Operator : SJ/MA
Sample : I1731-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMSD

Manual Integrations APPROVED
mohammad
2/8/2017 10:43:20 AM

Quant Time: Feb 08 00:27:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 23:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	134820	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	551330	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	289113	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	456447	20.00	ng		0.00
75) Chrysene-d12	14.08	240	320048	20.00	ng		0.00
86) Perylene-d12	15.53	264	278276	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1295813	164.90	ng		0.02
7) Phenol-d6	6.56	99	1546217	152.92	ng		0.01
23) Nitrobenzene-d5	7.47	82	987677	99.76	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	296406	141.75	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1699074	106.47	ng		0.01
78) Terphenyl-d14	13.03	244	1139245	83.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	181074	42.64	ng	#	84
3) Pyridine	3.30	79	524016	48.53	ng	#	84
4) n-Nitrosodimethylamine	3.26	42	261819	51.64	ng		87
6) Aniline	6.57	93	382806	27.75	ng	#	29
8) 2-Chlorophenol	6.69	128	462329	53.33	ng		97
9) Benzaldehyde	6.45	77	199851	27.59	ng		98
10) Phenol	6.57	94	725634	61.34	ng		82
11) bis(2-Chloroethyl)ether	6.65	93	501042	53.06	ng		99
12) 1,3-Dichlorobenzene	6.84	146	501427m	49.38	ng		
13) 1,4-Dichlorobenzene	6.92	146	531795	51.74	ng		97
14) 1,2-Dichlorobenzene	7.08	146	497190m	50.59	ng		
15) Benzyl Alcohol	7.05	79	382410	51.09	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	790191	48.17	ng		94
17) 2-Methylphenol	7.17	107	411966	55.39	ng		96
18) Hexachloroethane	7.41	117	161672	46.08	ng	#	89
19) n-Nitroso-di-n-propylamine	7.32	70	314286	48.83	ng		96
20) 3+4-Methylphenols	7.32	107	442470	49.76	ng	#	82
22) Acetophenone	7.32	105	614144	48.79	ng	#	92
24) Nitrobenzene	7.49	77	500569	49.24	ng		95
25) Isophorone	7.73	82	943072	51.12	ng		99
26) 2-Nitrophenol	7.81	139	273893	56.68	ng	#	83
27) 2,4-Dimethylphenol	7.85	122	414975	48.90	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	550708	45.07	ng		99
29) 2,4-Dichlorophenol	8.05	162	402238	50.82	ng		91
30) 1,2,4-Trichlorobenzene	8.13	180	420114	49.25	ng		96
31) Naphthalene	8.21	128	1245819	44.58	ng		100
32) Benzoic acid	7.94	122	32121	12.85	ng	#	84
33) 4-Chloroaniline	8.26	127	147988	13.50	ng		96
34) Hexachlorobutadiene	8.33	225	215108	45.84	ng		100
35) Caprolactam	8.64	113	127492	51.21	ng	#	44
36) 4-Chloro-3-methylphenol	8.76	107	448077	54.30	ng		90
37) 2-Methylnaphthalene	8.91	142	923051	51.44	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	381476	47.01	ng		99
40) Hexachlorocyclopentadiene	9.06	237	119890	32.74	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	270158	50.66	ng		92
43) 2,4,5-Trichlorophenol	9.23	196	280580	48.02	ng		92
45) 1,1'-Biphenyl	9.37	154	958695	45.79	ng		97
46) 2-Chloronaphthalene	9.40	162	847073	51.72	ng		95
47) 2-Nitroaniline	9.49	65	263784	47.91	ng		97
48) Acenaphthylene	9.81	152	1315451	46.50	ng		98
49) Dimethylphthalate	9.68	163	1231668	63.25	ng		99
50) 2,6-Dinitrotoluene	9.73	165	203955	48.50	ng	#	76
51) Acenaphthene	9.98	154	804913	47.59	ng		97
52) 3-Nitroaniline	9.90	138	141425	29.38	ng		97
53) 2,4-Dinitrophenol	10.02	184	56746	29.69	ng		92
54) Dibenzofuran	10.16	168	1092839	48.30	ng		95
55) 4-Nitrophenol	10.09	139	343452	99.08	ng	#	63
56) 2,4-Dinitrotoluene	10.14	165	299334	53.46	ng	#	80
57) Fluorene	10.50	166	841705	48.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	200459	51.43	ng		94
59) Diethylphthalate	10.37	149	970616	52.89	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	372618	44.56	ng		90
61) 4-Nitroaniline	10.52	138	202292	41.04	ng		90
62) Azobenzene	10.65	77	929002	49.00	ng		95
64) 4,6-Dinitro-2-methylphenol	10.56	198	68978	26.12	ng		82
65) n-Nitrosodiphenylamine	10.61	169	774587	53.12	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	249726	52.37	ng		94
67) Hexachlorobenzene	11.05	284	239466	50.81	ng		96
68) Atrazine	11.14	200	269465	57.59	ng		97
69) Pentachlorophenol	11.24	266	220061	89.52	ng		97
70) Phenanthrene	11.46	178	1165153	44.56	ng		99
71) Anthracene	11.52	178	1292012	49.20	ng		97
72) Carbazole	11.66	167	1059876	42.22	ng		100
73) Di-n-butylphthalate	12.00	149	1570450	57.85	ng	#	97
74) Fluoranthene	12.65	202	1073526	39.80	ng		97
76) Benzidine	12.77	184	496558	36.41	ng		96
77) Pyrene	12.88	202	955185	39.88	ng		99
79) Butylbenzylphthalate	13.49	149	494732	50.87	ng	#	83
80) Benzo(a)anthracene	14.07	228	881668	45.04	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	309973	44.42	ng	#	95
82) Chrysene	14.10	228	723943	39.50	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	683197	51.36	ng	#	96
84) Di-n-octyl phthalate	14.66	149	1215510	56.12	ng		96
85) Indeno(1,2,3-cd)pyrene	16.97	276	712693	50.20	ng		95
87) Benzo(b)fluoranthene	15.11	252	829827m	45.31	ng		
88) Benzo(k)fluoranthene	15.14	252	828679m	52.40	ng		
89) Benzo(a)pyrene	15.47	252	781447	49.32	ng		97
90) Dibenzo(a,h)anthracene	16.99	278	607702	47.46	ng		99
91) Benzo(g,h,i)perylene	17.41	276	576044	44.53	ng	#	94

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

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