Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092873.D
Acq On : 9 Feb 2017 00:25
Operator : SJ/MA
Sample : I1751-04MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Manual Integrations APPROVED
mohammad
2/9/2017 12:31:34 PM

Quant Time: Feb 09 02:53:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 23:48:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	151352	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	583034	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	333582	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	550405	20.00	ng		0.00
75) Chrysene-d12	14.07	240	470268	20.00	ng		0.00
86) Perylene-d12	15.51	264	363579	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1135603	128.72	ng		0.02
7) Phenol-d6	6.54	99	1368858	120.59	ng		0.01
23) Nitrobenzene-d5	7.47	82	1047757	100.07	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	384114	159.21	ng		0.01
44) 2-Fluorobiphenyl	9.26	172	1931015	104.87	ng		0.00
78) Terphenyl-d14	13.01	244	1812475	90.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	181508	38.08	ng	#	72
3) Pyridine	3.38	79	306305	25.27	ng		89
4) n-Nitrosodimethylamine	3.31	42	259982	45.68	ng		89
6) Aniline	6.57	93	213265	13.77	ng	#	60
8) 2-Chlorophenol	6.69	128	464058	47.68	ng		89
9) Benzaldehyde	6.44	77	132131	16.25	ng		92
10) Phenol	6.56	94	506133	38.11	ng		79
11) bis(2-Chloroethyl)ether	6.64	93	461122	43.50	ng		91
12) 1,3-Dichlorobenzene	6.84	146	546283	47.92	ng		97
13) 1,4-Dichlorobenzene	6.91	146	520481	45.11	ng		99
14) 1,2-Dichlorobenzene	7.07	146	510099	46.24	ng		97
15) Benzyl Alcohol	7.05	79	417045	49.63	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	870855	47.29	ng		95
17) 2-Methylphenol	7.16	107	399384	47.83	ng		97
18) Hexachloroethane	7.41	117	183403	46.57	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	357717	49.51	ng	#	97
20) 3+4-Methylphenols	7.32	107	476034	47.68	ng	#	86
22) Acetophenone	7.31	105	622413	46.76	ng	#	94
24) Nitrobenzene	7.48	77	494587	46.01	ng		100
25) Isophorone	7.72	82	975445	50.00	ng		95
26) 2-Nitrophenol	7.80	139	275372	53.88	ng		94
27) 2,4-Dimethylphenol	7.85	122	483627	53.89	ng		95
28) bis(2-Chloroethoxy)methane	7.94	93	666155	51.56	ng		99
29) 2,4-Dichlorophenol	8.04	162	426866	51.00	ng		88
30) 1,2,4-Trichlorobenzene	8.12	180	428029	47.45	ng		94
31) Naphthalene	8.20	128	1316945	44.56	ng		99
32) Benzoic acid	7.98	122	239620	47.25	ng		90
33) 4-Chloroaniline	8.26	127	97157	8.38	ng		98
34) Hexachlorobutadiene	8.32	225	228937	46.13	ng		99
35) Caprolactam	8.64	113	116573m	44.28	ng		
36) 4-Chloro-3-methylphenol	8.75	107	466325	53.44	ng		95
37) 2-Methylnaphthalene	8.90	142	1010357	53.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	405284	43.28	ng		100
40) Hexachlorocyclopentadiene	9.05	237	341597	80.86	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	310128	50.40	ng		92
43) 2,4,5-Trichlorophenol	9.22	196	333696	49.50	ng		95
45) 1,1'-Biphenyl	9.36	154	1112676	46.06	ng		96
46) 2-Chloronaphthalene	9.39	162	971273	51.40	ng		97
47) 2-Nitroaniline	9.48	65	268565	42.27	ng		98
48) Acenaphthylene	9.80	152	1437102	44.03	ng		99
49) Dimethylphthalate	9.66	163	1075668	47.87	ng		98
50) 2,6-Dinitrotoluene	9.73	165	264952	54.60	ng	#	79
51) Acenaphthene	9.97	154	878573	45.02	ng		95
52) 3-Nitroaniline	9.89	138	59457	10.71	ng		87
53) 2,4-Dinitrophenol	10.01	184	248069	99.28	ng	#	72
54) Dibenzofuran	10.14	168	1232871	47.23	ng		96
55) 4-Nitrophenol	10.08	139	383450	95.87	ng		84
56) 2,4-Dinitrotoluene	10.13	165	306424	47.43	ng		96
57) Fluorene	10.49	166	936566	46.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	257672	57.30	ng		94
59) Diethylphthalate	10.36	149	1020087	48.17	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	417611	43.28	ng		93
61) 4-Nitroaniline	10.51	138	225263	39.61	ng		93
62) Azobenzene	10.64	77	1118991	51.15	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	192876	57.04	ng		89
65) n-Nitrosodiphenylamine	10.60	169	890494	50.65	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	273750	47.61	ng		96
67) Hexachlorobenzene	11.04	284	292322	51.44	ng		98
68) Atrazine	11.13	200	242789	43.03	ng		98
69) Pentachlorophenol	11.23	266	297581	99.51	ng		96
70) Phenanthrene	11.45	178	1388763	44.04	ng		99
71) Anthracene	11.50	178	1658395	52.37	ng		98
72) Carbazole	11.65	167	1326535	43.82	ng		99
73) Di-n-butylphthalate	11.98	149	1766787	53.97	ng	#	97
74) Fluoranthene	12.64	202	1496368	46.00	ng		97
77) Pyrene	12.86	202	1515684	43.07	ng		99
79) Butylbenzylphthalate	13.48	149	782118	54.73	ng		87
80) Benzo(a)anthracene	14.05	228	1341199	46.63	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	182078	17.76	ng	#	95
82) Chrysene	14.09	228	1047376	38.89	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1040034	53.21	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1719714	54.03	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	1110043	53.22	ng		95
87) Benzo(b)fluoranthene	15.09	252	1247488	52.13	ng		97
88) Benzo(k)fluoranthene	15.12	252	1066618m	51.62	ng		
89) Benzo(a)pyrene	15.45	252	1079790	52.16	ng		97
90) Dibenzo(a,h)anthracene	16.97	278	919564	54.96	ng		96
91) Benzo(g,h,i)perylene	17.38	276	937125	55.45	ng	#	92

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

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