Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084702.D
Acq On : 1 Feb 2016 11:35
Operator : SJ/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
2/2/2016 4:17:18 PM

Quant Time: Feb 01 13:20:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 13:00:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	164748	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	675527	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	326126	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	644901	20.00	ng		0.00
75) Chrysene-d12	13.86	240	522445	20.00	ng		-0.01
86) Perylene-d12	15.24	264	427055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	235395	21.57	ng		0.00
7) Phenol-d6	6.35	99	274218	20.96	ng		-0.01
23) Nitrobenzene-d5	7.28	82	263146	21.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	74710	21.86	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	500485	22.81	ng		0.00
78) Terphenyl-d14	12.82	244	508109	21.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	48518	9.53	ng	#	77
3) Pyridine	2.92	79	108542	8.01	ng	#	78
4) n-Nitrosodimethylamine	2.82	42	61003	9.20	ng	#	88
6) Aniline	6.37	93	177029	10.54	ng	#	92
8) 2-Chlorophenol	6.50	128	134681	11.13	ng		93
9) Benzaldehyde	6.26	77	86653	11.44	ng		89
10) Phenol	6.37	94	160044	10.98	ng	#	67
11) bis(2-Chloroethyl)ether	6.45	93	118541	10.45	ng		98
12) 1,3-Dichlorobenzene	6.65	146	134336	10.36	ng	#	94
13) 1,4-Dichlorobenzene	6.73	146	143817	11.30	ng		95
14) 1,2-Dichlorobenzene	6.88	146	125350	10.69	ng		94
15) Benzyl Alcohol	6.86	79	99197	11.14	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	213346	10.99	ng		85
17) 2-Methylphenol	6.98	107	102304	10.90	ng		96
18) Hexachloroethane	7.23	117	50345	10.11	ng	#	76
19) n-Nitroso-di-n-propylamine	7.13	70	91401	11.44	ng	#	72
20) 3+4-Methylphenols	7.14	107	134038	11.77	ng		91
22) Acetophenone	7.13	105	204768	11.61	ng	#	96
24) Nitrobenzene	7.30	77	141565	11.02	ng		94
25) Isophorone	7.54	82	257940	11.39	ng		98
26) 2-Nitrophenol	7.62	139	69978	11.45	ng		94
27) 2,4-Dimethylphenol	7.66	122	118794	11.10	ng		92
28) bis(2-Chloroethoxy)methane	7.76	93	148349	10.91	ng		98
29) 2,4-Dichlorophenol	7.86	162	99074	10.58	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	112813	10.53	ng		94
31) Naphthalene	8.02	128	377193	11.06	ng		98
32) Benzoic acid	7.76	122	63244	7.70	ng		97
33) 4-Chloroaniline	8.08	127	160023	11.54	ng		94
34) Hexachlorobutadiene	8.14	225	69906	11.05	ng		99
35) Caprolactam	8.42	113	28988	10.79	ng	#	34
36) 4-Chloro-3-methylphenol	8.57	107	118136	11.46	ng		97
37) 2-Methylnaphthalene	8.72	142	232332	11.10	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	110204	10.42	ng		100
40) Hexachlorocyclopentadiene	8.86	237	23769	4.94	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	68649	10.45	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	75656	11.15	ng	#	90
45) 1,1'-Biphenyl	9.17	154	317037	10.61	ng		96
46) 2-Chloronaphthalene	9.20	162	235117	10.78	ng		95
47) 2-Nitroaniline	9.30	65	77055	11.77	ng		90
48) Acenaphthylene	9.61	152	357208	10.81	ng		99
49) Dimethylphthalate	9.48	163	292541	11.95	ng	#	90
50) 2,6-Dinitrotoluene	9.54	165	56249	10.44	ng	#	57
51) Acenaphthene	9.78	154	228969	10.35	ng		97
52) 3-Nitroaniline	9.71	138	67211	11.94	ng	#	73
53) 2,4-Dinitrophenol	9.81	184	13712	5.16	ng	#	58
54) Dibenzofuran	9.95	168	281333	10.65	ng		92
55) 4-Nitrophenol	9.88	139	48946	11.84	ng	#	81
56) 2,4-Dinitrotoluene	9.94	165	74629	10.67	ng	#	83
57) Fluorene	10.29	166	254688	11.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	55730	10.87	ng		89
59) Diethylphthalate	10.18	149	281495	11.75	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	126970	12.64	ng		96
61) 4-Nitroaniline	10.32	138	66858	12.55	ng		85
62) Azobenzene	10.45	77	266760	11.63	ng		98
64) 4,6-Dinitro-2-methylphenol	10.35	198	30401	7.22	ng		93
65) n-Nitrosodiphenylamine	10.41	169	207300	9.91	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	74058	10.20	ng		99
67) Hexachlorobenzene	10.84	284	86060	10.89	ng		95
68) Atrazine	10.94	200	70824	11.30	ng		96
69) Pentachlorophenol	11.04	266	27431	7.19	ng		95
70) Phenanthrene	11.25	178	403470	11.31	ng		99
71) Anthracene	11.30	178	381910	10.53	ng		99
72) Carbazole	11.46	167	330189	10.57	ng		100
73) Di-n-butylphthalate	11.80	149	437783	11.52	ng	#	98
74) Fluoranthene	12.44	202	391485	11.10	ng		91
76) Benzidine	12.57	184	98223	4.94	ng		97
77) Pyrene	12.66	202	398628	10.12	ng		99
79) Butylbenzylphthalate	13.30	149	178608	10.61	ng	#	84
80) Benzo(a)anthracene	13.85	228	351924	10.81	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	111798	9.76	ng	#	94
82) Chrysene	13.88	228	326109	10.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	239349	10.96	ng	#	98
84) Di-n-octyl phthalate	14.47	149	369649	10.71	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.55	276	245541	8.65	ng		99
87) Benzo(b)fluoranthene	14.85	252	345442m	12.49	ng		
88) Benzo(k)fluoranthene	14.89	252	210794m	9.23	ng		
89) Benzo(a)pyrene	15.19	252	257654	10.77	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	207079	9.61	ng		97
91) Benzo(g,h,i)perylene	16.93	276	198580	9.12	ng		99

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

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