Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
Data File : BF085455.D
Acq On : 15 Mar 2016 14:50
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:26 PM

Quant Time: Mar 15 16:38:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 16:07:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	172665m	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	693340	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	347585	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	632429	20.00	ng		0.00
75) Chrysene-d12	14.07	240	434907	20.00	ng		-0.01
86) Perylene-d12	15.52	264	308361	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	227628	22.11	ng		-0.01
7) Phenol-d6	6.53	99	285002	21.13	ng		-0.02
23) Nitrobenzene-d5	7.48	82	259954	20.06	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	58992	19.83	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	499339	21.85	ng		-0.01
78) Terphenyl-d14	13.02	244	424696	22.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	47861	9.09	ng		96
3) Pyridine	3.33	79	116194	8.82	ng		97
4) n-Nitrosodimethylamine	3.22	42	58216	10.32	ng		86
6) Aniline	6.56	93	188300	9.96	ng		99
8) 2-Chlorophenol	6.69	128	134224	10.83	ng		98
9) Benzaldehyde	6.46	77	83960	12.10	ng		85
10) Phenol	6.55	94	161559	11.19	ng		86
11) bis(2-Chloroethyl)ether	6.64	93	130024	10.84	ng		97
12) 1,3-Dichlorobenzene	6.85	146	145668m	10.95	ng		
13) 1,4-Dichlorobenzene	6.93	146	153178m	11.49	ng		
14) 1,2-Dichlorobenzene	7.08	146	129267	10.68	ng		96
15) Benzyl Alcohol	7.05	79	100516	10.15	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.19	45	169858	9.82	ng		98
17) 2-Methylphenol	7.16	107	98250m	9.72	ng		
18) Hexachloroethane	7.42	117	51549	10.48	ng	#	80
19) n-Nitroso-di-n-propylamine	7.32	70	92081m	10.48	ng		
20) 3+4-Methylphenols	7.32	107	138741	11.58	ng	#	67
22) Acetophenone	7.32	105	193409	11.43	ng	#	94
24) Nitrobenzene	7.49	77	139016	10.56	ng		96
25) Isophorone	7.73	82	245082	10.21	ng		97
26) 2-Nitrophenol	7.81	139	64234	10.03	ng	#	64
27) 2,4-Dimethylphenol	7.84	122	115510	9.87	ng		92
28) bis(2-Chloroethoxy)methane	7.94	93	163838	12.25	ng		100
29) 2,4-Dichlorophenol	8.05	162	97479	10.33	ng		87
30) 1,2,4-Trichlorobenzene	8.14	180	117529	11.51	ng		99
31) Naphthalene	8.22	128	419949	12.32	ng		98
32) Benzoic acid	7.92	122	53969	6.94	ng		97
33) 4-Chloroaniline	8.26	127	162651	11.79	ng		96
34) Hexachlorobutadiene	8.33	225	57203	10.77	ng		96
35) Caprolactam	8.61	113	28692	9.31	ng		96
36) 4-Chloro-3-methylphenol	8.74	107	125497	11.72	ng		97
37) 2-Methylnaphthalene	8.92	142	238380	10.90	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	109659	11.03	ng		98
40) Hexachlorocyclopentadiene	9.06	237	43825	8.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	76498	10.34	ng		100
43) 2,4,5-Trichlorophenol	9.22	196	72250	10.30	ng		97
45) 1,1'-Biphenyl	9.37	154	344301	11.59	ng		94
46) 2-Chloronaphthalene	9.40	162	226347	10.00	ng	#	92
47) 2-Nitroaniline	9.49	65	64810	9.24	ng		96
48) Acenaphthylene	9.82	152	374241	10.62	ng		96
49) Dimethylphthalate	9.67	163	283132	10.61	ng		99
50) 2,6-Dinitrotoluene	9.74	165	51744	9.07	ng	#	71
51) Acenaphthene	9.99	154	232866	10.89	ng		99
52) 3-Nitroaniline	9.90	138	66629	9.76	ng		85
53) 2,4-Dinitrophenol	10.01	184	13131	5.51	ng	#	38
54) Dibenzofuran	10.16	168	289153	10.32	ng		92
55) 4-Nitrophenol	10.06	139	47760	8.90	ng		93
56) 2,4-Dinitrotoluene	10.14	165	71223	9.75	ng	#	74
57) Fluorene	10.50	166	251584	11.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	51021	10.35	ng		96
59) Diethylphthalate	10.37	149	257224	9.94	ng		95
60) 4-Chlorophenyl-phenylether	10.49	204	125734	11.74	ng		97
61) 4-Nitroaniline	10.50	138	59910	9.38	ng		100
62) Azobenzene	10.65	77	270221	10.59	ng		94
64) 4,6-Dinitro-2-methylphenol	10.54	198	24429	6.45	ng	#	33
65) n-Nitrosodiphenylamine	10.61	169	219836	11.18	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	67656	11.02	ng		92
67) Hexachlorobenzene	11.05	284	68645	10.48	ng	#	92
68) Atrazine	11.13	200	67707	12.38	ng		97
69) Pentachlorophenol	11.25	266	27861	7.66	ng		97
70) Phenanthrene	11.46	178	367640	11.09	ng		97
71) Anthracene	11.51	178	368951	10.49	ng		99
72) Carbazole	11.67	167	314284	10.19	ng		97
73) Di-n-butylphthalate	12.00	149	411873	10.56	ng	#	96
74) Fluoranthene	12.65	202	356866	10.73	ng		93
76) Benzidine	12.77	184	160477	12.40	ng		98
77) Pyrene	12.88	202	360609	11.02	ng		97
79) Butylbenzylphthalate	13.50	149	151952	10.23	ng	#	72
80) Benzo(a)anthracene	14.06	228	273786	10.52	ng		98
81) 3,3'-Dichlorobenzidine	14.03	252	91794	11.18	ng		98
82) Chrysene	14.11	228	265610	11.04	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	186912	9.56	ng	#	97
84) Di-n-octyl phthalate	14.67	149	271994	9.14	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	194624	10.37	ng		96
87) Benzo(b)fluoranthene	15.10	252	246714m	12.00	ng		
88) Benzo(k)fluoranthene	15.13	252	149265m	9.00	ng		
89) Benzo(a)pyrene	15.47	252	181410	10.65	ng		99
90) Dibenzo(a,h)anthracene	16.97	278	162316	11.16	ng		97
91) Benzo(g,h,i)perylene	17.40	276	164745	11.27	ng		95

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

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