Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087652.D
Acq On : 4 Jun 2016 5:19
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
SOHIL
6/6/2016 7:17:59 PM

Quant Time: Jun 04 06:13:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 05:48:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114322	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	498998	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	214420	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	429453	20.00	ng		0.00
75) Chrysene-d12	14.01	240	345872	20.00	ng		-0.01
86) Perylene-d12	15.44	264	289636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	150760	22.92	ng		-0.01
7) Phenol-d6	6.47	99	189101	21.40	ng		-0.02
23) Nitrobenzene-d5	7.42	82	165272	17.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	52179	25.46	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	354874	23.37	ng		-0.01
78) Terphenyl-d14	12.96	244	316598	20.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	37008	10.70	ng	#	32
3) Pyridine	3.21	79	92706	12.04	ng		98
4) n-Nitrosodimethylamine	3.13	42	34246	6.30	ng	#	99
6) Aniline	6.51	93	133152	11.59	ng		98
8) 2-Chlorophenol	6.64	128	89068	11.06	ng		87
9) Benzaldehyde	6.40	77	68155	13.11	ng		89
10) Phenol	6.49	94	109502	11.03	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	78419	10.27	ng		87
12) 1,3-Dichlorobenzene	6.80	146	96545	11.02	ng		97
13) 1,4-Dichlorobenzene	6.88	146	100550	11.14	ng		96
14) 1,2-Dichlorobenzene	7.03	146	89282m	10.69	ng		
15) Benzyl Alcohol	6.99	79	69489	10.84	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	110475	6.68	ng		99
17) 2-Methylphenol	7.11	107	71563	10.99	ng		96
18) Hexachloroethane	7.38	117	30911	9.22	ng	#	87
19) n-Nitroso-di-n-propylamine	7.27	70	59091	9.29	ng		100
20) 3+4-Methylphenols	7.26	107	86488	11.15	ng		91
22) Acetophenone	7.27	105	127908	10.74	ng		95
24) Nitrobenzene	7.44	77	92231	9.02	ng		93
25) Isophorone	7.68	82	161845	9.29	ng		97
26) 2-Nitrophenol	7.76	139	38785	9.30	ng		91
27) 2,4-Dimethylphenol	7.79	122	84558	11.19	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	105987	10.64	ng	#	96
29) 2,4-Dichlorophenol	8.00	162	69583	10.48	ng		91
30) 1,2,4-Trichlorobenzene	8.09	180	74122	9.79	ng		97
31) Naphthalene	8.17	128	265088	10.63	ng		97
32) Benzoic acid	7.86	122	41979	10.91	ng		98
33) 4-Chloroaniline	8.22	127	109914	11.81	ng	#	91
34) Hexachlorobutadiene	8.30	225	36833	8.14	ng		97
35) Caprolactam	8.55	113	20622	10.42	ng		96
36) 4-Chloro-3-methylphenol	8.68	107	69959	9.37	ng		95
37) 2-Methylnaphthalene	8.86	142	165653m	10.58	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	70030	10.40	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	37814	16.07	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	49334	12.31	ng		95
43) 2,4,5-Trichlorophenol	9.16	196	45660	11.18	ng	#	90
45) 1,1'-Biphenyl	9.32	154	219089	12.25	ng		96
46) 2-Chloronaphthalene	9.35	162	161593	11.82	ng		93
47) 2-Nitroaniline	9.44	65	42021	8.82	ng	#	72
48) Acenaphthylene	9.76	152	265311	12.15	ng		99
49) Dimethylphthalate	9.62	163	188337	11.03	ng		99
50) 2,6-Dinitrotoluene	9.68	165	39178	11.13	ng	#	75
51) Acenaphthene	9.93	154	158549	11.68	ng		99
52) 3-Nitroaniline	9.84	138	40324	11.35	ng		89
53) 2,4-Dinitrophenol	9.94	184	8508	5.80	ng	#	1
54) Dibenzofuran	10.10	168	228461	12.37	ng		92
55) 4-Nitrophenol	9.99	139	32940	17.37	ng		97
56) 2,4-Dinitrotoluene	10.08	165	52278	11.22	ng		89
57) Fluorene	10.44	166	184323	11.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	41677	13.34	ng	#	56
59) Diethylphthalate	10.32	149	172733	10.44	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	76946	10.31	ng		90
61) 4-Nitroaniline	10.44	138	36405	10.69	ng		89
62) Azobenzene	10.59	77	161260	9.55	ng		89
64) 4,6-Dinitro-2-methylphenol	10.48	198	16958	6.48	ng		97
65) n-Nitrosodiphenylamine	10.56	169	154017	11.16	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	42712	9.13	ng	#	68
67) Hexachlorobenzene	10.99	284	52217	10.77	ng	#	76
68) Atrazine	11.09	200	44785	10.17	ng		97
69) Pentachlorophenol	11.18	266	24750	15.71	ng		96
70) Phenanthrene	11.41	178	264929	11.28	ng		98
71) Anthracene	11.45	178	246748	10.21	ng		98
72) Carbazole	11.61	167	242847	11.84	ng	#	96
73) Di-n-butylphthalate	11.95	149	258932	9.91	ng	#	97
74) Fluoranthene	12.58	202	248291	10.46	ng		94
76) Benzidine	12.71	184	135629	13.73	ng		99
77) Pyrene	12.81	202	252124	10.15	ng		98
79) Butylbenzylphthalate	13.44	149	88617	8.08	ng	#	66
80) Benzo(a)anthracene	14.00	228	220472	11.19	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	56451	5.52	ng	#	96
82) Chrysene	14.03	228	205576	10.47	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	133517	8.54	ng	#	99
84) Di-n-octyl phthalate	14.62	149	218121	9.03	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	160243	10.18	ng	#	100
87) Benzo(b)fluoranthene	15.03	252	183849m	10.01	ng		
88) Benzo(k)fluoranthene	15.05	252	184247m	11.46	ng		
89) Benzo(a)pyrene	15.37	252	169435	10.57	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	135114	9.93	ng		97
91) Benzo(g,h,i)perylene	17.25	276	134123	9.96	ng		95

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

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