Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087304.D
Acq On : 23 May 2016 17:08
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
umangi
5/24/2016 7:39:08 PM

Quant Time: May 24 01:15:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 00:59:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	144851	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	598902	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	272246	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	507753	20.00	ng		0.00
75) Chrysene-d12	18.56	240	398275	20.00	ng		0.00
86) Perylene-d12	20.23	264	308110	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	876912	101.47	ng		0.00
7) Phenol-d6	7.16	99	1106014	96.34	ng		0.00
23) Nitrobenzene-d5	8.54	82	1168930	96.50	ng		0.00
41) 2,4,6-Tribromophenol	13.78	330	263300	89.80	ng		0.00
44) 2-Fluorobiphenyl	11.43	172	1821245	108.88	ng		0.00
78) Terphenyl-d14	17.22	244	1807556	99.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	217658	49.53	ng	#	77
3) Pyridine	2.55	79	498776	47.48	ng	#	65
4) n-Nitrosodimethylamine	2.52	42	387930	51.77	ng	#	47
6) Aniline	7.12	93	733829	49.90	ng		94
8) 2-Chlorophenol	7.29	128	505304	48.37	ng		85
9) Benzaldehyde	6.94	77	274909	42.13	ng		99
10) Phenol	7.18	94	533386	38.21	ng		75
11) bis(2-Chloroethyl)ether	7.26	93	474611	43.54	ng		85
12) 1,3-Dichlorobenzene	7.52	146	548622	49.45	ng		96
13) 1,4-Dichlorobenzene	7.64	146	561081	49.26	ng		96
14) 1,2-Dichlorobenzene	7.87	146	511884	50.45	ng		97
15) Benzyl Alcohol	7.91	79	428208	50.07	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1063510	47.34	ng		87
17) 2-Methylphenol	8.12	107	400669	46.95	ng	#	89
18) Hexachloroethane	8.40	117	213084	49.19	ng	#	85
19) n-Nitroso-di-n-propylamine	8.34	70	412321	47.73	ng	#	72
20) 3+4-Methylphenols	8.38	107	516548	46.26	ng	#	59
22) Acetophenone	8.31	105	701190	48.07	ng	#	98
24) Nitrobenzene	8.57	77	621344	47.75	ng		94
25) Isophorone	8.96	82	1040588	47.41	ng		99
26) 2-Nitrophenol	9.06	139	265499	48.63	ng	#	67
27) 2,4-Dimethylphenol	9.21	122	437370	47.13	ng		91
28) bis(2-Chloroethoxy)methane	9.34	93	592638	49.69	ng		99
29) 2,4-Dichlorophenol	9.47	162	409274	49.70	ng		95
30) 1,2,4-Trichlorobenzene	9.58	180	452442	49.35	ng		98
31) Naphthalene	9.68	128	1429741	48.57	ng		99
32) Benzoic acid	9.54	122	211799	39.59	ng	#	76
33) 4-Chloroaniline	9.82	127	539191	44.97	ng	#	89
34) Hexachlorobutadiene	9.90	225	272907	51.89	ng		98
35) Caprolactam	10.49	113	125052m	48.18	ng		
36) 4-Chloro-3-methylphenol	10.68	107	463908	47.06	ng		96
37) 2-Methylnaphthalene	10.81	142	905132	48.04	ng		96
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	423877	52.02	ng		99
40) Hexachlorocyclopentadiene	11.06	237	153135	60.61	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	258622	50.06	ng		96
43) 2,4,5-Trichlorophenol	11.38	196	262676	49.39	ng	#	91
45) 1,1'-Biphenyl	11.58	154	1086805	47.86	ng		96
46) 2-Chloronaphthalene	11.60	162	851358	48.69	ng		97
47) 2-Nitroaniline	11.80	65	321204	48.72	ng	#	75
48) Acenaphthylene	12.25	152	1330308	49.43	ng		99
49) Dimethylphthalate	12.14	163	1069261	51.02	ng		100
50) 2,6-Dinitrotoluene	12.23	165	228219	51.31	ng		93
51) Acenaphthene	12.54	154	812890	48.45	ng		98
52) 3-Nitroaniline	12.49	138	224233	46.56	ng	#	82
53) 2,4-Dinitrophenol	12.68	184	102928	47.01	ng	#	77
54) Dibenzofuran	12.82	168	1111834	50.94	ng		96
55) 4-Nitrophenol	12.87	139	105993	51.41	ng	#	61
56) 2,4-Dinitrotoluene	12.88	165	298411	51.51	ng	#	90
57) Fluorene	13.37	166	964739	53.94	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	205117	49.31	ng		99
59) Diethylphthalate	13.28	149	1011752	51.16	ng		99
60) 4-Chlorophenyl-phenylether	13.41	204	474575	57.30	ng		89
61) 4-Nitroaniline	13.51	138	229822	48.96	ng	#	80
62) Azobenzene	13.66	77	1109069	48.69	ng		86
64) 4,6-Dinitro-2-methylphenol	13.55	198	172987	51.76	ng	#	84
65) n-Nitrosodiphenylamine	13.62	169	814980	50.98	ng		100
66) 4-Bromophenyl-phenylether	14.19	248	275639	51.57	ng	#	85
67) Hexachlorobenzene	14.26	284	284946	47.69	ng	#	81
68) Atrazine	14.54	200	256454	49.30	ng		93
69) Pentachlorophenol	14.62	266	83398	38.81	ng		99
70) Phenanthrene	14.93	178	1364690	49.74	ng		99
71) Anthracene	15.01	178	1366848	48.19	ng		100
72) Carbazole	15.29	167	1211394	48.11	ng		99
73) Di-n-butylphthalate	15.86	149	1603793	54.37	ng	#	99
74) Fluoranthene	16.67	202	1391582	49.94	ng		92
76) Benzidine	16.89	184	514800	49.08	ng		98
77) Pyrene	16.97	202	1345496	46.88	ng		99
79) Butylbenzylphthalate	17.87	149	637451	52.29	ng	#	68
80) Benzo(a)anthracene	18.55	228	1071733	46.22	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	577927	40.20	ng		99
82) Chrysene	18.59	228	1043962	46.84	ng		99
83) Bis(2-ethylhexyl)phthalate	18.62	149	897586	58.47	ng	#	96
84) Di-n-octyl phthalate	19.39	149	1435384	54.53	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.49	276	867321	44.67	ng		95
87) Benzo(b)fluoranthene	19.82	252	1076721m	51.16	ng		
88) Benzo(k)fluoranthene	19.85	252	706826m	48.01	ng		
89) Benzo(a)pyrene	20.17	252	839520	49.37	ng		98
90) Dibenzo(a,h)anthracene	21.50	278	732646	50.80	ng	#	95
91) Benzo(g,h,i)perylene	21.85	276	725990	50.18	ng		94

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

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