Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087104.D
Acq On : 17 May 2016 15:35
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
5/18/2016 6:57:05 PM

Quant Time: May 17 16:40:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 13:03:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	145108	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	613498	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	315354	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	632326	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	533207	20.00	ng		-0.02
86) Perylene-d12	15.10	264	461660	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	38427	4.48	ng		-0.01
7) Phenol-d6	6.26	99	61987	5.41	ng		-0.02
23) Nitrobenzene-d5	7.16	82	69312	5.67	ng		-0.02
41) 2,4,6-Tribromophenol	10.42	330	17664	5.29	ng		-0.02
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.69	244	134756	5.36	ng		-0.02
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.68	42	16431	2.20	ng	#	47
6) Aniline	6.26	93	39174	2.83	ng		93
8) 2-Chlorophenol	6.39	128	27661	2.68	ng		94
9) Benzaldehyde	6.15	77	18327	2.76	ng		97
10) Phenol	6.28	94	38805	2.85	ng	#	53
11) bis(2-Chloroethyl)ether	6.33	93	33195	3.13	ng		84
12) 1,3-Dichlorobenzene	6.52	146	30653m	2.74	ng		
13) 1,4-Dichlorobenzene	6.60	146	31788m	2.79	ng		
14) 1,2-Dichlorobenzene	6.76	146	30245	3.04	ng		97
15) Benzyl Alcohol	6.78	79	18166	2.30	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.88	45	66996	2.90	ng		99
17) 2-Methylphenol	6.89	107	21907	2.66	ng	#	82
18) Hexachloroethane	7.10	117	11999	2.79	ng		92
19) n-Nitroso-di-n-propylamine	7.02	70	23895	2.99	ng	#	74
20) 3+4-Methylphenols	7.05	107	27581	2.57	ng	#	68
22) Acetophenone	7.02	105	39315	2.71	ng	#	94
24) Nitrobenzene	7.19	77	39215	3.12	ng		99
25) Isophorone	7.43	82	61048	2.69	ng		96
26) 2-Nitrophenol	7.51	139	12803	2.32	ng	#	64
27) 2,4-Dimethylphenol	7.56	122	27154	2.89	ng		86
28) bis(2-Chloroethoxy)methane	7.64	93	34537	2.82	ng		98
29) 2,4-Dichlorophenol	7.77	162	22066	2.66	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	26890	2.90	ng		98
31) Naphthalene	7.90	128	88749	2.89	ng		99
33) 4-Chloroaniline	7.98	127	34978	2.93	ng	#	95
34) Hexachlorobutadiene	8.02	225	16007	2.98	ng		96
35) Caprolactam	8.31	113	6421	2.28	ng	#	48
36) 4-Chloro-3-methylphenol	8.48	107	28048	2.79	ng		98
37) 2-Methylnaphthalene	8.59	142	58803	3.27	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	25411	2.77	ng		98
42) 2,4,6-Trichlorophenol	8.89	196	14898	2.43	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	17081	2.69	ng	#	96
45) 1,1'-Biphenyl	9.06	154	75602	3.01	ng		97
46) 2-Chloronaphthalene	9.08	162	54457	2.77	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.20	65	17960	2.50	ng		87
48) Acenaphthylene	9.48	152	89213	3.09	ng		99
49) Dimethylphthalate	9.36	163	65322	2.72	ng		98
50) 2,6-Dinitrotoluene	9.43	165	13318	2.63	ng	#	67
51) Acenaphthene	9.66	154	55739	3.10	ng		97
52) 3-Nitroaniline	9.61	138	13581	2.55	ng	#	81
54) Dibenzofuran	9.84	168	73238	3.17	ng		96
56) 2,4-Dinitrotoluene	9.84	165	17402	2.78	ng	#	76
58) 2,3,4,6-Tetrachlorophenol	9.96	232	12242	2.56	ng	#	96
59) Diethylphthalate	10.06	149	63774	2.72	ng		98
61) 4-Nitroaniline	10.22	138	12016	2.35	ng	#	64
62) Azobenzene	10.33	77	78346	3.10	ng		89
65) n-Nitrosodiphenylamine	10.30	169	52352	2.69	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	17556	2.74	ng	#	79
67) Hexachlorobenzene	10.72	284	21445	2.86	ng	#	80
68) Atrazine	10.82	200	17323	2.67	ng		97
70) Phenanthrene	11.13	178	102444	3.04	ng		97
71) Anthracene	11.18	178	99066	2.87	ng		97
72) Carbazole	11.35	167	89359	3.01	ng		98
73) Di-n-butylphthalate	11.68	149	94735	2.61	ng		99
74) Fluoranthene	12.31	202	98427	2.84	ng		100
76) Benzidine	12.46	184	32384	2.38	ng		97
77) Pyrene	12.54	202	107906	2.64	ng		97
79) Butylbenzylphthalate	13.17	149	36037	2.09	ng	#	64
80) Benzo(a)anthracene	13.73	228	91984	3.07	ng		96
81) 3,3'-Dichlorobenzidine	13.70	252	51734	2.72	ng	#	95
82) Chrysene	13.76	228	80460	2.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	49218	2.37	ng	#	99
84) Di-n-octyl phthalate	14.34	149	85480	2.48	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.33	276	67027	2.65	ng		94
88) Benzo(k)fluoranthene	14.75	252	57958m	2.36	ng		
89) Benzo(a)pyrene	15.04	252	72439	2.80	ng		100
90) Dibenzo(a,h)anthracene	16.34	278	55687	2.55	ng		96
91) Benzo(g,h,i)perylene	16.70	276	53552	2.42	ng		94

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

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