Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087103.D
Acq On : 17 May 2016 15:07
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
5/18/2016 6:56:54 PM

Quant Time: May 17 15:40:32 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	172861	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	754243	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	374424	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	674114	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	565426	20.00	ng		-0.02
86) Perylene-d12	15.10	264	526389	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	217628	21.32	ng		-0.02
7) Phenol-d6	6.26	99	285477	20.93	ng		-0.02
23) Nitrobenzene-d5	7.16	82	313805	20.89	ng		-0.02
41) 2,4,6-Tribromophenol	10.42	330	82020	20.69	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	527748	23.69	ng		-0.02
78) Terphenyl-d14	12.69	244	514304	19.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	56714	11.32	ng	#	90
3) Pyridine	2.68	79	121795	9.94	ng	#	55
4) n-Nitrosodimethylamine	2.62	42	81934	9.22	ng	#	51
6) Aniline	6.26	93	182092	11.04	ng	#	79
8) 2-Chlorophenol	6.38	128	131257	10.66	ng	#	80
9) Benzaldehyde	6.14	77	96292	12.19	ng		98
10) Phenol	6.27	94	177887	10.97	ng		77
11) bis(2-Chloroethyl)ether	6.33	93	138022	10.92	ng	#	83
12) 1,3-Dichlorobenzene	6.52	146	141095m	10.59	ng		
13) 1,4-Dichlorobenzene	6.60	146	143981m	10.59	ng		
14) 1,2-Dichlorobenzene	6.76	146	131521	11.10	ng		98
15) Benzyl Alcohol	6.75	79	109707	11.65	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.88	45	297921	10.84	ng		63
17) 2-Methylphenol	6.88	107	110189	11.24	ng	#	79
18) Hexachloroethane	7.10	117	51621	10.09	ng		95
19) n-Nitroso-di-n-propylamine	7.02	70	109512	11.49	ng	#	65
20) 3+4-Methylphenols	7.04	107	142944	11.17	ng	#	63
22) Acetophenone	7.02	105	186142	10.45	ng	#	96
24) Nitrobenzene	7.19	77	160261	10.37	ng		95
25) Isophorone	7.43	82	286546	10.28	ng		97
26) 2-Nitrophenol	7.51	139	68334	10.06	ng	#	84
27) 2,4-Dimethylphenol	7.56	122	122309	10.57	ng		93
28) bis(2-Chloroethoxy)methane	7.64	93	156745	10.43	ng	#	97
29) 2,4-Dichlorophenol	7.76	162	108689	10.67	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	120643	10.60	ng		97
31) Naphthalene	7.91	128	388372	10.28	ng		99
32) Benzoic acid	7.68	122	54096	7.96	ng	#	82
33) 4-Chloroaniline	7.96	127	154786	10.54	ng	#	85
34) Hexachlorobutadiene	8.02	225	68903	10.43	ng		95
35) Caprolactam	8.32	113	34279	9.89	ng	#	50
36) 4-Chloro-3-methylphenol	8.47	107	132074	10.69	ng		92
37) 2-Methylnaphthalene	8.59	142	252018	11.41	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	116482	10.70	ng		99
40) Hexachlorocyclopentadiene	8.74	237	16793	3.25	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	68949	9.47	ng		93
43) 2,4,5-Trichlorophenol	8.94	196	72641	9.65	ng	#	95
45) 1,1'-Biphenyl	9.06	154	342475	11.50	ng		99
46) 2-Chloronaphthalene	9.08	162	250175	10.72	ng		98
47) 2-Nitroaniline	9.19	65	89795	10.53	ng	#	62
48) Acenaphthylene	9.50	152	379954	11.07	ng		97
49) Dimethylphthalate	9.37	163	301368	10.55	ng		99
50) 2,6-Dinitrotoluene	9.43	165	58447	9.72	ng	#	50
51) Acenaphthene	9.67	154	236702	11.09	ng		98
52) 3-Nitroaniline	9.60	138	64816	10.24	ng	#	59
53) 2,4-Dinitrophenol	9.72	184	18695	7.47	ng	#	81
54) Dibenzofuran	9.84	168	313882	11.45	ng		98
55) 4-Nitrophenol	9.80	139	18812m	5.00	ng		
56) 2,4-Dinitrotoluene	9.84	165	82329	11.07	ng	#	91
57) Fluorene	10.17	166	272380	11.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	60859	10.74	ng	#	95
59) Diethylphthalate	10.07	149	278760	10.01	ng		94
60) 4-Chlorophenyl-phenylether	10.17	204	124788	10.50	ng		99
61) 4-Nitroaniline	10.22	138	66974	11.02	ng		82
62) Azobenzene	10.33	77	335213	11.16	ng		89
64) 4,6-Dinitro-2-methylphenol	10.25	198	35939	8.58	ng		85
65) n-Nitrosodiphenylamine	10.30	169	238076	11.50	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	75552	11.05	ng	#	83
67) Hexachlorobenzene	10.72	284	85068	10.65	ng	#	73
68) Atrazine	10.82	200	72481	10.48	ng		92
69) Pentachlorophenol	10.94	266	22093	5.98	ng		95
70) Phenanthrene	11.13	178	414118	11.51	ng		99
71) Anthracene	11.19	178	413633	11.24	ng		97
72) Carbazole	11.35	167	375277	11.87	ng		99
73) Di-n-butylphthalate	11.68	149	415436	10.76	ng	#	98
74) Fluoranthene	12.31	202	409703	11.07	ng		100
76) Benzidine	12.45	184	192672	13.37	ng		96
77) Pyrene	12.54	202	427142	9.87	ng		99
79) Butylbenzylphthalate	13.17	149	170705	9.32	ng	#	61
80) Benzo(a)anthracene	13.73	228	356637	11.24	ng		98
81) 3,3'-Dichlorobenzidine	13.70	252	236235	11.71	ng	#	94
82) Chrysene	13.76	228	340139	10.53	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	223174	10.13	ng	#	100
84) Di-n-octyl phthalate	14.34	149	397444	10.89	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.33	276	284167	10.58	ng		95
87) Benzo(b)fluoranthene	14.73	252	417192m	12.19	ng		
88) Benzo(k)fluoranthene	14.75	252	245137m	8.75	ng		
89) Benzo(a)pyrene	15.04	252	304996	10.34	ng		99
90) Dibenzo(a,h)anthracene	16.34	278	239214	9.62	ng	#	93
91) Benzo(g,h,i)perylene	16.70	276	234853	9.29	ng		93

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

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