Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084624.D
Acq On : 29 Jan 2016 9:12
Operator : SJ/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
mohammad
2/1/2016 2:23:27 PM

Quant Time: Jan 29 13:02:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 10:50:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	174519	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	706296	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	325877	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	677198	20.00	ng		0.00
75) Chrysene-d12	13.87	240	651884	20.00	ng		0.00
86) Perylene-d12	15.25	264	629479	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	46166	4.28	ng		0.00
7) Phenol-d6	6.36	99	78240	5.77	ng		-0.01
23) Nitrobenzene-d5	7.29	82	63959	5.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	17837	5.42	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	129530	6.04	ng		-0.01
78) Terphenyl-d14	12.82	244	132664	4.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	12960	2.54	ng	#	80
4) n-Nitrosodimethylamine	2.89	42	15368	2.10	ng	#	76
6) Aniline	6.38	93	46206	2.33	ng		89
8) 2-Chlorophenol	6.51	128	32671	2.67	ng		91
9) Benzaldehyde	6.27	77	20024	2.27	ng		87
10) Phenol	6.37	94	42666	2.77	ng		98
11) bis(2-Chloroethyl)ether	6.45	93	29916	2.51	ng	#	76
12) 1,3-Dichlorobenzene	6.66	146	37099	2.94	ng	#	93
13) 1,4-Dichlorobenzene	6.74	146	37952	3.00	ng		91
14) 1,2-Dichlorobenzene	6.89	146	32277	2.66	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	56619	2.61	ng		84
17) 2-Methylphenol	6.99	107	26327	2.57	ng		99
18) Hexachloroethane	7.24	117	12363	2.44	ng	#	79
19) n-Nitroso-di-n-propylamine	7.14	70	23283	2.54	ng	#	77
20) 3+4-Methylphenols	7.15	107	33788	2.80	ng		90
22) Acetophenone	7.14	105	48361	2.85	ng	#	97
24) Nitrobenzene	7.31	77	33163	2.58	ng		90
25) Isophorone	7.55	82	59576	2.45	ng		97
26) 2-Nitrophenol	7.63	139	14292	2.44	ng		95
27) 2,4-Dimethylphenol	7.68	122	30885	2.60	ng		94
28) bis(2-Chloroethoxy)methane	7.77	93	39076	2.64	ng		99
29) 2,4-Dichlorophenol	7.87	162	23788	2.41	ng		92
30) 1,2,4-Trichlorobenzene	7.95	180	30314	2.97	ng	#	90
31) Naphthalene	8.03	128	103777	3.24	ng		98
33) 4-Chloroaniline	8.09	127	40129	2.73	ng	#	92
34) Hexachlorobutadiene	8.16	225	17160	2.93	ng		98
36) 4-Chloro-3-methylphenol	8.57	107	26416	2.39	ng	#	85
37) 2-Methylnaphthalene	8.73	142	57254	2.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	29709	3.17	ng		96
42) 2,4,6-Trichlorophenol	9.00	196	16346	2.33	ng		96
43) 2,4,5-Trichlorophenol	9.05	196	17358	2.58	ng		96
45) 1,1'-Biphenyl	9.18	154	88126	3.40	ng		97
46) 2-Chloronaphthalene	9.21	162	62909	3.09	ng		93
47) 2-Nitroaniline	9.31	65	15704	2.34	ng	#	85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.62	152	92634	3.08	ng		98
49) Dimethylphthalate	9.48	163	63033	2.71	ng	#	90
50) 2,6-Dinitrotoluene	9.55	165	14246	2.79	ng	#	85
51) Acenaphthene	9.79	154	64346	3.19	ng		99
52) 3-Nitroaniline	9.72	138	14465	2.28	ng	#	75
54) Dibenzofuran	9.96	168	76560	2.59	ng		97
55) 4-Nitrophenol	9.89	139	9768	2.13	ng	#	83
56) 2,4-Dinitrotoluene	9.95	165	17779	2.75	ng		99
57) Fluorene	10.30	166	69083	3.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	13854	2.41	ng	#	86
59) Diethylphthalate	10.19	149	66961	2.92	ng		97
61) 4-Nitroaniline	10.32	138	13954	2.47	ng		89
62) Azobenzene	10.46	77	61553	2.44	ng		96
65) n-Nitrosodiphenylamine	10.42	169	58809	2.72	ng		93
66) 4-Bromophenyl-phenylether	10.80	248	17401	2.39	ng		93
67) Hexachlorobenzene	10.85	284	21651	2.64	ng		96
68) Atrazine	10.94	200	14829	2.09	ng		99
70) Phenanthrene	11.26	178	106959	3.02	ng		99
71) Anthracene	11.31	178	97010	2.79	ng		98
72) Carbazole	11.47	167	87461	2.58	ng		100
73) Di-n-butylphthalate	11.81	149	101353	2.69	ng		99
74) Fluoranthene	12.44	202	96071	2.60	ng		95
76) Benzidine	12.58	184	54719	2.34	ng		97
77) Pyrene	12.67	202	107049	2.09	ng		99
80) Benzo(a)anthracene	13.86	228	101179	2.64	ng		98
81) 3,3'-Dichlorobenzidine	13.82	252	31410	2.35	ng	#	91
82) Chrysene	13.89	228	102444	2.79	ng		98
85) Indeno(1,2,3-cd)pyrene	16.56	276	96325	3.30	ng		99
87) Benzo(b)fluoranthene	14.87	252	90017m	2.19	ng		
88) Benzo(k)fluoranthene	14.90	252	95415m	2.83	ng		
89) Benzo(a)pyrene	15.20	252	85773	2.46	ng	#	97
90) Dibenzo(a,h)anthracene	16.58	278	78952	2.63	ng	#	95
91) Benzo(g,h,i)perylene	16.95	276	78163	2.51	ng		97

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

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