Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
Data File : BF093411.D
Acq On : 7 Mar 2017 11:01
Operator : SJ/MA
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
mohammad
3/8/2017 1:45:17 PM

Quant Time: Mar 07 15:43:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:09:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	247543	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	953379	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	528470	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	899106	20.00	ng		0.00
75) Chrysene-d12	13.92	240	777308	20.00	ng		0.00
86) Perylene-d12	15.33	264	679009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	78470	5.44	ng		0.02
7) Phenol-d6	6.41	99	111731	6.02	ng		0.00
23) Nitrobenzene-d5	7.34	82	89195	5.21	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	19526	5.11	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	19678	2.52	ng	#	85
3) Pyridine	3.12	79	47656m	2.40	ng		
4) n-Nitrosodimethylamine	3.03	42	25961m	2.79	ng		
6) Aniline	6.42	93	76371	3.02	ng	#	57
8) 2-Chlorophenol	6.55	128	45977	2.89	ng		90
9) Benzaldehyde	6.32	77	37450	2.82	ng		97
10) Phenol	6.44	94	67044	3.09	ng		95
11) bis(2-Chloroethyl)ether	6.49	93	49838	2.87	ng		86
12) 1,3-Dichlorobenzene	6.70	146	54668	2.93	ng	#	90
13) 1,4-Dichlorobenzene	6.78	146	55495	2.94	ng		97
14) 1,2-Dichlorobenzene	6.94	146	48575	2.69	ng		95
15) Benzyl Alcohol	6.93	79	35672	2.60	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	85021	2.82	ng	#	46
17) 2-Methylphenol	7.04	107	39423	2.89	ng	#	89
18) Hexachloroethane	7.27	117	17679	2.74	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	36328	3.07	ng		95
20) 3+4-Methylphenols	7.20	107	52170	3.20	ng	#	77
22) Acetophenone	7.18	105	64417	2.96	ng	#	89
24) Nitrobenzene	7.35	77	49969	2.84	ng		93
25) Isophorone	7.59	82	91755	2.88	ng		95
26) 2-Nitrophenol	7.68	139	21074	2.52	ng	#	85
27) 2,4-Dimethylphenol	7.73	122	36056	2.46	ng		90
28) bis(2-Chloroethoxy)methane	7.81	93	59319	2.81	ng		97
29) 2,4-Dichlorophenol	7.93	162	36739	2.68	ng		87
30) 1,2,4-Trichlorobenzene	7.99	180	39280	2.66	ng	#	97
31) Naphthalene	8.07	128	144750	3.00	ng		99
33) 4-Chloroaniline	8.14	127	52620	2.78	ng		96
34) Hexachlorobutadiene	8.18	225	20950	2.58	ng		96
35) Caprolactam	8.47	113	12098	2.81	ng	#	48
36) 4-Chloro-3-methylphenol	8.63	107	37196	2.61	ng		89
37) 2-Methylnaphthalene	8.77	142	91681m	2.95	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	41234	2.78	ng		98
42) 2,4,6-Trichlorophenol	9.05	196	24250	2.49	ng		94
43) 2,4,5-Trichlorophenol	9.11	196	23755	2.22	ng	#	87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.22	154	117425	3.07	ng		96
47) 2-Nitroaniline	9.36	65	25064	2.49	ng		89
48) Acenaphthylene	9.66	152	152519	2.95	ng		97
49) Dimethylphthalate	9.52	163	105317	2.96	ng		99
50) 2,6-Dinitrotoluene	9.59	165	20704	2.69	ng	#	54
51) Acenaphthene	9.83	154	93779	3.03	ng		98
52) 3-Nitroaniline	9.77	138	24244	2.76	ng		91
56) 2,4-Dinitrotoluene	10.01	165	27460	2.68	ng		86
58) 2,3,4,6-Tetrachlorophenol	10.14	232	18963	2.66	ng	#	95
59) Diethylphthalate	10.22	149	108806	3.24	ng		100
61) 4-Nitroaniline	10.38	138	26257	2.91	ng		86
62) Azobenzene	10.49	77	118840	3.43	ng		96
65) n-Nitrosodiphenylamine	10.46	169	86669	3.02	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	28259	3.01	ng		94
67) Hexachlorobenzene	10.89	284	26219	2.82	ng	#	81
70) Phenanthrene	11.30	178	165225	3.21	ng		95
71) Anthracene	11.36	178	161851	3.13	ng		95
73) Di-n-butylphthalate	11.84	149	170627	3.19	ng	#	96
77) Pyrene	12.72	202	172385	2.96	ng		98
79) Butylbenzylphthalate	13.34	149	65236	2.76	ng	#	73
80) Benzo(a)anthracene	13.91	228	134759	2.83	ng		97
81) 3,3'-Dichlorobenzidine	13.88	252	43714	2.58	ng	#	95
82) Chrysene	13.95	228	122470	2.75	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	91935	2.85	ng		99
84) Di-n-octyl phthalate	14.51	149	151333	2.88	ng		96
85) Indeno(1,2,3-cd)pyrene	16.69	276	106880	3.10	ng	#	94
87) Benzo(b)fluoranthene	14.93	252	113404m	2.54	ng		
88) Benzo(k)fluoranthene	14.96	252	116820m	3.03	ng		
89) Benzo(a)pyrene	15.27	252	106165	2.75	ng		97
90) Dibenzo(a,h)anthracene	16.69	278	90530	2.90	ng	#	94
91) Benzo(g,h,i)perylene	17.10	276	90010	2.85	ng	#	89

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

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