Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093724.D
Acq On : 18 Mar 2017 00:37
Operator : SJ/MA
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
mohammad
3/20/2017 12:57:52 PM

Quant Time: Mar 18 05:10:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 04:23:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	280005	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1076183	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	600076	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	913636	20.00	ng		0.00
75) Chrysene-d12	13.99	240	779629	20.00	ng		-0.01
86) Perylene-d12	15.41	264	693498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	92834	5.54	ng		-0.01
7) Phenol-d6	6.46	99	119736	5.78	ng		-0.02
23) Nitrobenzene-d5	7.40	82	90774	5.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	19979	5.14	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	194443	6.31	ng		-0.01
78) Terphenyl-d14	12.94	244	200172	5.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	22282	2.58	ng		94
3) Pyridine	3.18	79	49815	2.16	ng		96
4) n-Nitrosodimethylamine	3.08	42	26007	2.48	ng	#	90
6) Aniline	6.49	93	78965	2.63	ng		98
8) 2-Chlorophenol	6.62	128	49976	2.67	ng		92
9) Benzaldehyde	6.38	77	40314	3.36	ng		88
10) Phenol	6.47	94	66778	2.80	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	55640	2.86	ng		98
12) 1,3-Dichlorobenzene	6.79	146	57188	2.74	ng		96
13) 1,4-Dichlorobenzene	6.86	146	58097m	2.73	ng		
14) 1,2-Dichlorobenzene	7.02	146	57672	2.90	ng		94
15) Benzyl Alcohol	6.98	79	39058	2.50	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	83691	2.76	ng		98
17) 2-Methylphenol	7.09	107	40451	2.48	ng		96
18) Hexachloroethane	7.36	117	19729	2.64	ng	#	73
19) n-Nitroso-di-n-propylamine	7.25	70	36063	2.60	ng	#	88
20) 3+4-Methylphenols	7.25	107	57936	2.99	ng	#	87
22) Acetophenone	7.25	105	76294	3.35	ng	#	97
24) Nitrobenzene	7.42	77	54641	3.05	ng		98
25) Isophorone	7.66	82	91919	2.64	ng		97
27) 2,4-Dimethylphenol	7.78	122	45628	2.76	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	61627	2.80	ng		97
29) 2,4-Dichlorophenol	7.98	162	38979	2.71	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	43593	2.92	ng		94
31) Naphthalene	8.15	128	166308	3.20	ng		99
33) 4-Chloroaniline	8.20	127	67236	3.06	ng	#	92
34) Hexachlorobutadiene	8.29	225	22799	2.90	ng		99
35) Caprolactam	8.50	113	11192	2.27	ng	#	64
36) 4-Chloro-3-methylphenol	8.66	107	37880	2.51	ng	#	77
37) 2-Methylnaphthalene	8.85	142	102787	2.97	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	40077	2.72	ng		98
40) Hexachlorocyclopentadiene	9.01	237	18116	2.57	ng		92
42) 2,4,6-Trichlorophenol	9.12	196	23480	2.29	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	25376	2.39	ng	#	88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.30	154	132143	3.03	ng		96
46) 2-Chloronaphthalene	9.33	162	100928	2.99	ng		96
48) Acenaphthylene	9.74	152	161333	2.88	ng		99
49) Dimethylphthalate	9.60	163	114351	2.88	ng		98
50) 2,6-Dinitrotoluene	9.66	165	18656	2.18	ng		92
51) Acenaphthene	9.91	154	92701	2.81	ng		99
52) 3-Nitroaniline	9.82	138	21957	2.22	ng	#	97
54) Dibenzofuran	10.08	168	129463	2.88	ng		96
55) 4-Nitrophenol	9.97	139	14429	2.09	ng	#	45
57) Fluorene	10.42	166	114295	3.33	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	17546	2.42	ng		99
59) Diethylphthalate	10.30	149	100177	2.66	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	50934	3.56	ng		89
61) 4-Nitroaniline	10.42	138	21011	2.38	ng		97
62) Azobenzene	10.57	77	95262	2.49	ng		91
65) n-Nitrosodiphenylamine	10.54	169	86844	2.91	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	22948	2.58	ng	#	81
67) Hexachlorobenzene	10.97	284	26154	2.87	ng	#	71
68) Atrazine	11.06	200	24556	2.65	ng		96
69) Pentachlorophenol	11.17	266	10047	2.04	ng		98
70) Phenanthrene	11.39	178	167022	3.22	ng		97
71) Anthracene	11.43	178	156706	3.17	ng		98
72) Carbazole	11.58	167	156323	2.92	ng		98
73) Di-n-butylphthalate	11.93	149	159917	2.96	ng		98
74) Fluoranthene	12.56	202	151814	2.85	ng		97
76) Benzidine	12.69	184	83879	2.58	ng		94
77) Pyrene	12.79	202	172398	2.64	ng		98
80) Benzo(a)anthracene	13.98	228	135025	2.71	ng		97
81) 3,3'-Dichlorobenzidine	13.95	252	39922	2.24	ng	#	94
82) Chrysene	14.01	228	127030	2.61	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	69307	2.17	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	93409	2.16	ng		99
87) Benzo(b)fluoranthene	15.00	252	111783m	2.38	ng		
88) Benzo(k)fluoranthene	15.02	252	115117m	3.28	ng		
89) Benzo(a)pyrene	15.34	252	101649	2.57	ng		98
90) Dibenzo(a,h)anthracene	16.78	278	80031	2.36	ng	#	95
91) Benzo(g,h,i)perylene	17.17	276	80324	2.32	ng		99

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

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