Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093759.D
Acq On : 20 Mar 2017 11:49
Operator : SJ/MA
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
3/21/2017 2:44:48 PM

Quant Time: Mar 20 13:27:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 13:13:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	225646	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	858259	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	416768	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	753655	20.00	ng		0.00
75) Chrysene-d12	13.98	240	596848	20.00	ng		0.00
86) Perylene-d12	15.39	264	540228	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	274105	20.25	ng		-0.01
7) Phenol-d6	6.46	99	361230	21.53	ng		-0.01
23) Nitrobenzene-d5	7.40	82	348718	24.39	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	75945	27.84	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	650352	29.45	ng		0.00
78) Terphenyl-d14	12.93	244	621380	22.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	66141	9.46	ng		98
3) Pyridine	3.14	79	155603	8.14	ng		98
4) n-Nitrosodimethylamine	3.06	42	75545	9.03	ng		98
6) Aniline	6.49	93	239932	10.00	ng		91
8) 2-Chlorophenol	6.62	128	152464	10.13	ng		86
9) Benzaldehyde	6.37	77	116553	12.00	ng		90
10) Phenol	6.47	94	215658	11.00	ng		84
11) bis(2-Chloroethyl)ether	6.56	93	155780	10.08	ng		96
12) 1,3-Dichlorobenzene	6.78	146	177252	10.63	ng		97
13) 1,4-Dichlorobenzene	6.85	146	173435m	10.16	ng		
14) 1,2-Dichlorobenzene	7.01	146	176300	11.04	ng		95
15) Benzyl Alcohol	6.97	79	134816	10.74	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	249907	10.26	ng		99
17) 2-Methylphenol	7.09	107	136704	10.49	ng		97
18) Hexachloroethane	7.35	117	61425	10.13	ng	#	74
19) n-Nitroso-di-n-propylamine	7.25	70	118625	10.65	ng		94
20) 3+4-Methylphenols	7.24	107	165018	10.69	ng		94
22) Acetophenone	7.24	105	210808	11.02	ng	#	97
24) Nitrobenzene	7.41	77	162050	10.48	ng		97
25) Isophorone	7.66	82	285900	10.39	ng	#	90
26) 2-Nitrophenol	7.73	139	60532	10.34	ng	#	78
27) 2,4-Dimethylphenol	7.77	122	154905	11.57	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	188360	10.84	ng		98
29) 2,4-Dichlorophenol	7.97	162	122213	10.62	ng		91
30) 1,2,4-Trichlorobenzene	8.06	180	130713	10.90	ng		97
31) Naphthalene	8.14	128	480218	11.48	ng		99
32) Benzoic acid	7.84	122	69952	9.98	ng		97
33) 4-Chloroaniline	8.18	127	206281	11.77	ng		94
34) Hexachlorobutadiene	8.28	225	70506	11.22	ng		99
35) Caprolactam	8.52	113	39024	10.10	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	142308	11.75	ng		91
37) 2-Methylnaphthalene	8.84	142	323107	11.92	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	123164	12.62	ng		99
40) Hexachlorocyclopentadiene	9.00	237	63133	12.95	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	87000	12.09	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	97969	13.21	ng	#	86
45) 1,1'-Biphenyl	9.29	154	379413	12.98	ng		96
46) 2-Chloronaphthalene	9.32	162	298005	12.71	ng		94
47) 2-Nitroaniline	9.41	65	80027	11.80	ng	#	77
48) Acenaphthylene	9.73	152	481616	12.59	ng		100
49) Dimethylphthalate	9.59	163	328600	12.07	ng		99
50) 2,6-Dinitrotoluene	9.65	165	69855	11.88	ng	#	83
51) Acenaphthene	9.90	154	278431	12.36	ng		99
52) 3-Nitroaniline	9.81	138	77267	11.08	ng		93
53) 2,4-Dinitrophenol	9.91	184	16114	9.20	ng	#	1
54) Dibenzofuran	10.07	168	378397	12.35	ng		96
55) 4-Nitrophenol	9.97	139	55983	10.64	ng		95
56) 2,4-Dinitrotoluene	10.05	165	91888	11.74	ng		97
57) Fluorene	10.41	166	316683	12.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	60940	11.94	ng		99
59) Diethylphthalate	10.29	149	316253	12.20	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	144769	13.83	ng		88
61) 4-Nitroaniline	10.41	138	71880	11.07	ng		93
62) Azobenzene	10.56	77	295803	11.30	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	28667	8.70	ng		96
65) n-Nitrosodiphenylamine	10.53	169	291404	11.45	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	75938	10.66	ng	#	74
67) Hexachlorobenzene	10.96	284	80228	10.77	ng	#	75
68) Atrazine	11.05	200	85782	11.71	ng		99
69) Pentachlorophenol	11.16	266	43168	10.12	ng		98
70) Phenanthrene	11.37	178	466011	10.94	ng		98
71) Anthracene	11.42	178	469173	11.25	ng		98
72) Carbazole	11.57	167	452882	10.38	ng		98
73) Di-n-butylphthalate	11.92	149	495568	11.11	ng	#	97
74) Fluoranthene	12.55	202	465486	11.27	ng		99
76) Benzidine	12.68	184	262168	11.24	ng	#	93
77) Pyrene	12.78	202	499391	9.84	ng		99
79) Butylbenzylphthalate	13.41	149	202173	9.38	ng		88
80) Benzo(a)anthracene	13.96	228	376381	9.83	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	136871	10.19	ng		99
82) Chrysene	14.00	228	379724	10.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	264036	11.14	ng	#	95
84) Di-n-octyl phthalate	14.59	149	451883	10.34	ng		100
85) Indeno(1,2,3-cd)pyrene	16.73	276	313398	10.00	ng		99
87) Benzo(b)fluoranthene	14.97	252	432231m	12.62	ng		
88) Benzo(k)fluoranthene	15.01	252	251134m	8.30	ng		
89) Benzo(a)pyrene	15.32	252	320581	10.59	ng		99
90) Dibenzo(a,h)anthracene	16.76	278	275329	10.75	ng		96
91) Benzo(g,h,i)perylene	17.13	276	267061	10.26	ng		98

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

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