Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090374.D
Acq On : 5 Oct 2016 11:53
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:03 PM

Quant Time: Oct 05 13:42:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 13:33:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	276193	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1184578	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	574757	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	963980	20.00	ng		0.00
75) Chrysene-d12	14.20	240	745431	20.00	ng		0.00
86) Perylene-d12	15.70	264	527468	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	398805	22.77	ng		0.00
7) Phenol-d6	6.61	99	511114	23.35	ng		-0.01
23) Nitrobenzene-d5	7.56	82	502321	24.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	92669	18.56	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	728085	20.65	ng		-0.01
78) Terphenyl-d14	13.14	244	692566	21.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	91051	10.65	ng		96
3) Pyridine	3.49	79	241861	10.67	ng		88
4) n-Nitrosodimethylamine	3.41	42	108230	13.19	ng	#	71
6) Aniline	6.66	93	366277	12.18	ng		99
8) 2-Chlorophenol	6.78	128	220638	11.21	ng		99
9) Benzaldehyde	6.54	77	128059	12.60	ng		90
10) Phenol	6.63	94	290316	10.91	ng		84
11) bis(2-Chloroethyl)ether	6.73	93	216242	11.44	ng		87
12) 1,3-Dichlorobenzene	6.94	146	220663m	10.80	ng		
13) 1,4-Dichlorobenzene	7.02	146	220630	10.63	ng		96
14) 1,2-Dichlorobenzene	7.17	146	208925	10.59	ng		96
15) Benzyl Alcohol	7.14	79	207311	13.44	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	406570	14.07	ng		98
17) 2-Methylphenol	7.25	107	171520	11.25	ng		96
18) Hexachloroethane	7.53	117	81398	10.84	ng	#	91
19) n-Nitroso-di-n-propylamine	7.41	70	192186	13.75	ng	#	83
20) 3+4-Methylphenols	7.40	107	241094	12.44	ng		90
22) Acetophenone	7.41	105	304847	11.12	ng	#	87
24) Nitrobenzene	7.58	77	264604	12.20	ng		93
25) Isophorone	7.82	82	491073	12.70	ng		99
26) 2-Nitrophenol	7.90	139	102771	12.27	ng	#	82
27) 2,4-Dimethylphenol	7.94	122	218234	11.55	ng		98
28) bis(2-Chloroethoxy)methane	8.03	93	263262	10.97	ng	#	94
29) 2,4-Dichlorophenol	8.14	162	161182	10.42	ng		93
30) 1,2,4-Trichlorobenzene	8.23	180	163939	9.47	ng		97
31) Naphthalene	8.31	128	647663	11.44	ng		97
32) Benzoic acid	8.01	122	114978	10.35	ng		91
33) 4-Chloroaniline	8.36	127	251091	11.10	ng	#	91
34) Hexachlorobutadiene	8.44	225	82163	8.06	ng		97
35) Caprolactam	8.69	113	47902	11.84	ng	#	86
36) 4-Chloro-3-methylphenol	8.83	107	185102	11.15	ng		91
37) 2-Methylnaphthalene	9.01	142	358147	10.08	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	151088	9.31	ng	#	96
40) Hexachlorocyclopentadiene	9.16	237	73829	7.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	102961	10.09	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	107408	10.46	ng		95
45) 1,1'-Biphenyl	9.47	154	473699	10.65	ng		94
46) 2-Chloronaphthalene	9.49	162	329298	9.86	ng		95
47) 2-Nitroaniline	9.58	65	138960	15.24	ng	#	84
48) Acenaphthylene	9.91	152	604804	11.97	ng		97
49) Dimethylphthalate	9.77	163	420493	12.36	ng		97
50) 2,6-Dinitrotoluene	9.82	165	76348	10.26	ng	#	75
51) Acenaphthene	10.09	154	358762	11.67	ng		97
52) 3-Nitroaniline	9.99	138	109811	13.03	ng		97
53) 2,4-Dinitrophenol	10.10	184	28584	12.70	ng	#	16
54) Dibenzofuran	10.26	168	466173	11.47	ng		95
55) 4-Nitrophenol	10.14	139	90547	13.49	ng		97
56) 2,4-Dinitrotoluene	10.22	165	101588	11.34	ng	#	1
57) Fluorene	10.60	166	398598	11.72	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	75655	10.45	ng	#	76
59) Diethylphthalate	10.47	149	401918	11.56	ng		94
60) 4-Chlorophenyl-phenylether	10.60	204	167686	10.40	ng	#	87
61) 4-Nitroaniline	10.60	138	100841	13.30	ng		94
62) Azobenzene	10.75	77	446049	12.31	ng		86
64) 4,6-Dinitro-2-methylphenol	10.63	198	43965	11.96	ng		89
65) n-Nitrosodiphenylamine	10.70	169	304622	9.27	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	87741	8.42	ng	#	86
67) Hexachlorobenzene	11.15	284	99237	8.10	ng	#	65
68) Atrazine	11.23	200	72880	9.26	ng		94
69) Pentachlorophenol	11.34	266	57825	8.43	ng		99
70) Phenanthrene	11.57	178	527738	10.20	ng		96
71) Anthracene	11.62	178	537970	10.42	ng		97
72) Carbazole	11.77	167	484062	10.20	ng		97
73) Di-n-butylphthalate	12.11	149	650194	11.46	ng	#	96
74) Fluoranthene	12.76	202	510708	10.41	ng		96
76) Benzidine	12.87	184	184821	9.02	ng		99
77) Pyrene	12.99	202	519466	10.88	ng		97
79) Butylbenzylphthalate	13.61	149	246534	13.11	ng	#	61
80) Benzo(a)anthracene	14.18	228	446672	10.69	ng		97
81) 3,3'-Dichlorobenzidine	14.14	252	158748	11.02	ng	#	97
82) Chrysene	14.22	228	405461	10.35	ng		97
83) Bis(2-ethylhexyl)phthalate	14.18	149	405329	13.47	ng		97
84) Di-n-octyl phthalate	14.80	149	618658	14.15	ng		96
85) Indeno(1,2,3-cd)pyrene	17.22	276	263541	6.26	ng		93
87) Benzo(b)fluoranthene	15.25	252	320833m	10.58	ng		
88) Benzo(k)fluoranthene	15.29	252	331132m	11.43	ng		
89) Benzo(a)pyrene	15.63	252	280692	10.15	ng	#	95
90) Dibenzo(a,h)anthracene	17.23	278	218729	8.06	ng	#	92
91) Benzo(g,h,i)perylene	17.66	276	210059	7.90	ng	#	93

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

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