Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090837.D
Acq On : 26 Oct 2016 12:33
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
10/27/2016 3:45:46 PM

Quant Time: Oct 26 16:10:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 15:22:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	187089	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	811039	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	454460	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	730857	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	657494	20.00	ng		0.00
86) Perylene-d12	15.37	264	588763	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	607149	56.74	ng		-0.01
7) Phenol-d6	6.43	99	788481	54.62	ng		-0.01
23) Nitrobenzene-d5	7.36	82	609941	49.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	260454	55.77	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	1428816	55.21	ng		-0.01
78) Terphenyl-d14	12.90	244	1400793	53.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	146214	26.73	ng	#	75
3) Pyridine	3.05	79	395149	26.64	ng	#	76
4) n-Nitrosodimethylamine	2.99	42	120820	28.92	ng	#	74
6) Aniline	6.45	93	449187	27.24	ng		92
8) 2-Chlorophenol	6.57	128	344038	26.06	ng		92
9) Benzaldehyde	6.33	77	210925	28.29	ng	#	75
10) Phenol	6.44	94	441641	27.76	ng	#	54
11) bis(2-Chloroethyl)ether	6.52	93	354562	26.94	ng		94
12) 1,3-Dichlorobenzene	6.73	146	365733	27.09	ng	#	94
13) 1,4-Dichlorobenzene	6.81	146	387053	27.26	ng	#	95
14) 1,2-Dichlorobenzene	6.96	146	338137m	24.83	ng		
15) Benzyl Alcohol	6.93	79	262754	27.71	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.07	45	316208	24.14	ng		62
17) 2-Methylphenol	7.06	107	255943	25.49	ng	#	85
18) Hexachloroethane	7.30	117	130199	25.19	ng		88
19) n-Nitroso-di-n-propylamine	7.21	70	218103	26.13	ng	#	68
20) 3+4-Methylphenols	7.21	107	316430	27.22	ng	#	66
22) Acetophenone	7.21	105	427089	25.60	ng	#	84
24) Nitrobenzene	7.38	77	339114	25.88	ng	#	82
25) Isophorone	7.62	82	638337	25.39	ng	#	94
26) 2-Nitrophenol	7.70	139	183756	26.18	ng	#	94
27) 2,4-Dimethylphenol	7.73	122	279984	24.63	ng	#	79
28) bis(2-Chloroethoxy)methane	7.84	93	377372	26.39	ng	#	95
29) 2,4-Dichlorophenol	7.94	162	284230	27.01	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	315975	25.98	ng		97
31) Naphthalene	8.10	128	1001588	26.42	ng		98
32) Benzoic acid	7.86	122	191452	23.20	ng	#	73
33) 4-Chloroaniline	8.16	127	414045	27.03	ng	#	98
34) Hexachlorobutadiene	8.22	225	184799	25.84	ng		99
35) Caprolactam	8.52	113	85197	26.08	ng	#	82
36) 4-Chloro-3-methylphenol	8.64	107	311377	27.21	ng	#	83
37) 2-Methylnaphthalene	8.80	142	659332	26.93	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	316828	25.41	ng		98
40) Hexachlorocyclopentadiene	8.94	237	138553	24.16	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	210174	26.11	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	213561	25.74	ng	#	93
45) 1,1'-Biphenyl	9.25	154	818476	25.00	ng		92
46) 2-Chloronaphthalene	9.28	162	626625	25.17	ng	#	91
47) 2-Nitroaniline	9.38	65	194292	27.65	ng		86
48) Acenaphthylene	9.70	152	1023319	27.14	ng		97
49) Dimethylphthalate	9.56	163	783103	25.79	ng	#	98
50) 2,6-Dinitrotoluene	9.62	165	163591	24.40	ng	#	75
51) Acenaphthene	9.87	154	708315	27.28	ng		90
52) 3-Nitroaniline	9.79	138	180573	25.29	ng	#	74
53) 2,4-Dinitrophenol	9.89	184	84620	23.97	ng	#	49
54) Dibenzofuran	10.04	168	923949	27.57	ng		94
55) 4-Nitrophenol	9.96	139	106032	24.36	ng	#	80
56) 2,4-Dinitrotoluene	10.02	165	209009	25.09	ng	#	70
57) Fluorene	10.38	166	762071	27.76	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.16	232	186734	25.22	ng		98
59) Diethylphthalate	10.26	149	827152	27.43	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	363996	27.17	ng		90
61) 4-Nitroaniline	10.41	138	193296	27.34	ng	#	66
62) Azobenzene	10.53	77	868259	29.28	ng		85
64) 4,6-Dinitro-2-methylphenol	10.43	198	125769	25.95	ng		87
65) n-Nitrosodiphenylamine	10.50	169	623881	27.87	ng		91
66) 4-Bromophenyl-phenylether	10.86	248	227381	28.41	ng	#	91
67) Hexachlorobenzene	10.93	284	258841	27.33	ng	#	76
68) Atrazine	11.02	200	204493	29.53	ng		85
69) Pentachlorophenol	11.13	266	127438	25.08	ng		97
70) Phenanthrene	11.34	178	1006610	27.05	ng		97
71) Anthracene	11.39	178	1051627	26.84	ng		96
72) Carbazole	11.55	167	975245	28.19	ng		95
73) Di-n-butylphthalate	11.88	149	1100457	24.67	ng	#	98
74) Fluoranthene	12.52	202	1033401	25.35	ng		95
76) Benzidine	12.65	184	426770	29.73	ng		96
77) Pyrene	12.75	202	1060576	25.58	ng		96
79) Butylbenzylphthalate	13.38	149	507847	26.90	ng		89
80) Benzo(a)anthracene	13.95	228	955318	27.38	ng		97
81) 3,3'-Dichlorobenzidine	13.92	252	389887	28.78	ng	#	92
82) Chrysene	13.99	228	1046170	29.65	ng		94
83) Bis(2-ethylhexyl)phthalate	13.94	149	678116	27.58	ng	#	91
84) Di-n-octyl phthalate	14.56	149	1157360	28.04	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.74	276	853044	27.27	ng	#	91
87) Benzo(b)fluoranthene	14.97	252	902863	22.80	ng	#	88
88) Benzo(k)fluoranthene	15.00	252	940105m	30.05	ng		
89) Benzo(a)pyrene	15.31	252	855141	25.13	ng	#	88
90) Dibenzo(a,h)anthracene	16.75	278	746878	25.93	ng	#	84
91) Benzo(g,h,i)perylene	17.15	276	686710	25.32	ng	#	78

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

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