Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088504.D
Acq On : 29 Jun 2016 20:34
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
6/30/2016 7:46:39 PM

Quant Time: Jun 30 01:28:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 01:10:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	131344	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	528258	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	233709	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	395816	20.00	ng		0.00
75) Chrysene-d12	13.97	240	218986	20.00	ng		0.00
86) Perylene-d12	15.36	264	269382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	971930	124.00	ng		0.00
7) Phenol-d6	6.46	99	1198351	124.61	ng		0.00
23) Nitrobenzene-d5	7.39	82	1142579	124.30	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	209928	89.09	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	1516195	85.96	ng		0.00
78) Terphenyl-d14	12.93	244	1201255	120.77	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	254829	66.53	ng	#	30
3) Pyridine	3.10	79	749044	80.75	ng		97
4) n-Nitrosodimethylamine	3.06	42	308973	78.99	ng		99
6) Aniline	6.49	93	934456	68.12	ng		98
8) 2-Chlorophenol	6.60	128	517458	56.70	ng		94
9) Benzaldehyde	6.36	77	260142	43.56	ng		97
10) Phenol	6.47	94	629079	52.77	ng		90
11) bis(2-Chloroethyl)ether	6.57	93	601259	71.68	ng		88
12) 1,3-Dichlorobenzene	6.76	146	553435	56.43	ng		97
13) 1,4-Dichlorobenzene	6.84	146	597168	59.95	ng		96
14) 1,2-Dichlorobenzene	6.99	146	478827	53.93	ng		97
15) Benzyl Alcohol	6.97	79	516188	68.40	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	819672	71.89	ng		99
17) 2-Methylphenol	7.08	107	478883	64.32	ng		96
18) Hexachloroethane	7.34	117	221332	62.82	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	448669	72.21	ng	#	90
20) 3+4-Methylphenols	7.23	107	514893	58.99	ng		96
22) Acetophenone	7.24	105	753875	63.45	ng	#	86
24) Nitrobenzene	7.42	77	639609	70.84	ng	#	80
25) Isophorone	7.66	82	1141373	66.34	ng		96
26) 2-Nitrophenol	7.72	139	226404	50.20	ng		92
27) 2,4-Dimethylphenol	7.77	122	534892	62.31	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	662277	62.74	ng		99
29) 2,4-Dichlorophenol	7.96	162	409782	56.46	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	466091	58.99	ng		98
31) Naphthalene	8.14	128	1563824	59.12	ng		99
32) Benzoic acid	7.88	122	194703	45.11	ng		97
33) 4-Chloroaniline	8.18	127	697487	60.10	ng	#	94
34) Hexachlorobutadiene	8.25	225	223259	54.39	ng		98
35) Caprolactam	8.56	113	126705	54.31	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	482654	61.75	ng		88
37) 2-Methylnaphthalene	8.82	142	928026	54.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	363848	53.21	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	237764	62.75	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	261033m	55.84	ng		
43) 2,4,5-Trichlorophenol	9.13	196	266567m	54.73	ng		
45) 1,1'-Biphenyl	9.29	154	1119974	58.64	ng		94
46) 2-Chloronaphthalene	9.31	162	881500	57.97	ng		92
47) 2-Nitroaniline	9.40	65	295337	67.31	ng	#	59
48) Acenaphthylene	9.72	152	1411913	57.96	ng		98
49) Dimethylphthalate	9.59	163	913643	53.36	ng		99
50) 2,6-Dinitrotoluene	9.64	165	205951	52.04	ng	#	86
51) Acenaphthene	9.90	154	841963	55.94	ng		100
52) 3-Nitroaniline	9.82	138	276614	63.53	ng	#	75
53) 2,4-Dinitrophenol	9.91	184	46949	38.20	ng	#	76
54) Dibenzofuran	10.07	168	1246906	60.04	ng		93
55) 4-Nitrophenol	9.96	139	198087	60.11	ng	#	76
56) 2,4-Dinitrotoluene	10.04	165	280452	55.47	ng	#	76
57) Fluorene	10.41	166	834712	51.72	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	216545	57.68	ng		98
59) Diethylphthalate	10.28	149	929981	53.73	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	337462	48.84	ng		97
61) 4-Nitroaniline	10.42	138	206361	49.99	ng		82
62) Azobenzene	10.56	77	1192911	68.07	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	80146	41.98	ng	#	76
65) n-Nitrosodiphenylamine	10.51	169	793154	60.86	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	244506	57.85	ng	#	91
67) Hexachlorobenzene	10.95	284	232214	52.90	ng		97
68) Atrazine	11.05	200	252441	64.48	ng		95
69) Pentachlorophenol	11.14	266	140653	62.71	ng		99
70) Phenanthrene	11.36	178	1096464	52.36	ng		100
71) Anthracene	11.42	178	1302699	62.18	ng		99
72) Carbazole	11.57	167	1070224	54.09	ng		99
73) Di-n-butylphthalate	11.91	149	1353923	54.77	ng		100
74) Fluoranthene	12.54	202	1125346	52.75	ng		100
76) Benzidine	12.66	184	398062	63.39	ng		99
77) Pyrene	12.77	202	999572	59.54	ng		100
79) Butylbenzylphthalate	13.39	149	463093	62.71	ng		98
80) Benzo(a)anthracene	13.95	228	861111	65.51	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	301234	84.09	ng	#	97
82) Chrysene	13.99	228	761396	62.04	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	664187	71.29	ng		100
84) Di-n-octyl phthalate	14.57	149	1145181	76.02	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	1075230	91.01	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	881890	48.00	ng	#	96
88) Benzo(k)fluoranthene	14.99	252	792914m	55.42	ng		
89) Benzo(a)pyrene	15.31	252	874808	57.96	ng	#	95
90) Dibenzo(a,h)anthracene	16.74	278	874106	61.33	ng	#	94
91) Benzo(g,h,i)perylene	17.14	276	918220	62.60	ng		98

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

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