Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083703.D
Acq On : 11 Dec 2015 17:38
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:30 PM

Quant Time: Dec 11 18:26:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 17:53:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	139546	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	550921	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	244018	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	473028	20.00	ng		0.00
75) Chrysene-d12	14.08	240	316786	20.00	ng		0.00
86) Perylene-d12	15.52	264	272977	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1042990	113.36	ng		0.00
7) Phenol-d6	6.56	99	1228928	99.97	ng		0.01
23) Nitrobenzene-d5	7.49	82	1038508	87.96	ng		0.01
41) 2,4,6-Tribromophenol	10.75	330	281779	129.62	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1653910	95.39	ng		0.00
78) Terphenyl-d14	13.03	244	1524000	113.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	254618	56.02	ng	#	86
3) Pyridine	3.30	79	669769	60.65	ng		90
4) n-Nitrosodimethylamine	3.25	42	272046	46.79	ng	#	76
6) Aniline	6.59	93	872320	57.58	ng	#	84
8) 2-Chlorophenol	6.72	128	565915	56.24	ng	#	81
9) Benzaldehyde	6.46	77	300207	45.96	ng		97
10) Phenol	6.57	94	778593	52.29	ng	#	77
11) bis(2-Chloroethyl)ether	6.66	93	480054	43.82	ng		97
12) 1,3-Dichlorobenzene	6.86	146	608655m	54.28	ng		
13) 1,4-Dichlorobenzene	6.94	146	598490	52.02	ng		99
14) 1,2-Dichlorobenzene	7.10	146	572754	53.64	ng		96
15) Benzyl Alcohol	7.07	79	483769	55.31	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	693416	34.23	ng		68
17) 2-Methylphenol	7.17	107	458296	55.98	ng	#	87
18) Hexachloroethane	7.45	117	214600	52.82	ng		92
19) n-Nitroso-di-n-propylamine	7.34	70	342957	39.97	ng		94
20) 3+4-Methylphenols	7.33	107	505507	46.89	ng	#	72
22) Acetophenone	7.34	105	733537	47.47	ng	#	86
24) Nitrobenzene	7.50	77	549785	42.13	ng		96
25) Isophorone	7.76	82	1046899	45.69	ng	#	92
26) 2-Nitrophenol	7.82	139	239449	46.21	ng		88
27) 2,4-Dimethylphenol	7.86	122	499337	55.09	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	579706	45.56	ng	#	97
29) 2,4-Dichlorophenol	8.06	162	424207	51.46	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	473634	52.02	ng		97
31) Naphthalene	8.24	128	1456139m	49.90	ng		
32) Benzoic acid	7.98	122	335039	65.63	ng		93
33) 4-Chloroaniline	8.28	127	674416	63.39	ng	#	85
34) Hexachlorobutadiene	8.36	225	266083	50.02	ng		98
35) Caprolactam	8.65	113	143434	57.97	ng	#	82
36) 4-Chloro-3-methylphenol	8.76	107	514143	55.52	ng	#	78
37) 2-Methylnaphthalene	8.92	142	881915	48.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	426592	53.25	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	221777	204.26	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	304292	63.84	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	298423	63.24	ng	#	89
45) 1,1'-Biphenyl	9.39	154	1150805	54.26	ng		96
46) 2-Chloronaphthalene	9.41	162	871909	54.45	ng		94
47) 2-Nitroaniline	9.50	65	282199	48.86	ng	#	54
48) Acenaphthylene	9.82	152	1394038	52.80	ng		98
49) Dimethylphthalate	9.69	163	960444	49.45	ng		100
50) 2,6-Dinitrotoluene	9.74	165	230220	57.41	ng		87
51) Acenaphthene	10.00	154	845938	55.96	ng		99
52) 3-Nitroaniline	9.92	138	292785	68.69	ng	#	63
53) 2,4-Dinitrophenol	10.01	184	67830	39.68	ng	#	1
54) Dibenzofuran	10.17	168	1085268	51.77	ng	#	90
55) 4-Nitrophenol	10.06	139	244560	130.32	ng	#	70
56) 2,4-Dinitrotoluene	10.14	165	290490	54.62	ng	#	81
57) Fluorene	10.51	166	811832	44.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	216912	62.08	ng	#	100
59) Diethylphthalate	10.38	149	1004474	53.19	ng		99
60) 4-Chlorophenyl-phenylether	10.51	204	450020	51.67	ng	#	86
61) 4-Nitroaniline	10.52	138	221213	57.13	ng		91
62) Azobenzene	10.66	77	986961	47.48	ng		96
64) 4,6-Dinitro-2-methylphenol	10.56	198	150585	53.02	ng	#	53
65) n-Nitrosodiphenylamine	10.62	169	889529	56.98	ng		98
66) 4-Bromophenyl-phenylether	10.99	248	268458	50.88	ng	#	83
67) Hexachlorobenzene	11.06	284	294919	52.69	ng		95
68) Atrazine	11.15	200	276413	59.51	ng		96
69) Pentachlorophenol	11.25	266	198065	161.61	ng		96
70) Phenanthrene	11.47	178	1351152	49.72	ng		97
71) Anthracene	11.53	178	1440156	51.15	ng		100
72) Carbazole	11.67	167	1313472	54.40	ng	#	95
73) Di-n-butylphthalate	12.01	149	1386425	45.66	ng		99
74) Fluoranthene	12.66	202	1492678	53.69	ng		95
76) Benzidine	12.77	184	710703	72.13	ng		99
77) Pyrene	12.88	202	1453276	63.72	ng		98
79) Butylbenzylphthalate	13.51	149	540111	53.35	ng	#	84
80) Benzo(a)anthracene	14.07	228	1020158	55.02	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	350835	56.01	ng	#	96
82) Chrysene	14.10	228	946699	50.93	ng		100
83) Bis(2-ethylhexyl)phthalate	14.07	149	514555	36.62	ng		98
84) Di-n-octyl phthalate	14.67	149	855170	39.83	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	1177291	93.84	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	1048745	67.47	ng	#	97
88) Benzo(k)fluoranthene	15.13	252	706670m	41.26	ng		
89) Benzo(a)pyrene	15.46	252	892857	58.86	ng	#	96
90) Dibenzo(a,h)anthracene	16.97	278	969698	83.61	ng	#	94
91) Benzo(g,h,i)perylene	17.38	276	1007987	89.14	ng		96

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

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