Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
Data File : BF083330.D
Acq On : 27 Nov 2015 15:37
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Mmdadoda
12/1/2015 5:22:51 PM

Quant Time: Nov 27 17:38:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 17:22:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	158710	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	624925	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	314003	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	551632	20.00	ng		0.00
75) Chrysene-d12	13.69	240	367685	20.00	ng		0.00
86) Perylene-d12	15.03	264	310573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	218528	20.82	ng		0.01
7) Phenol-d6	6.23	99	292711	21.55	ng		-0.01
23) Nitrobenzene-d5	7.13	82	286559	20.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.39	330	57350	17.85	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	459086	20.39	ng		0.00
78) Terphenyl-d14	12.65	244	412466	26.42	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.65	79	126714	9.23	ng		93
4) n-Nitrosodimethylamine	2.56	42	66731	10.53	ng		96
6) Aniline	6.23	93	191759	11.55	ng		98
8) 2-Chlorophenol	6.35	128	117844	10.39	ng		88
9) Benzaldehyde	6.10	77	87423	12.32	ng		99
10) Phenol	6.24	94	177506	10.80	ng		86
11) bis(2-Chloroethyl)ether	6.30	93	127181	10.84	ng		88
12) 1,3-Dichlorobenzene	6.50	146	127085m	9.81	ng		
13) 1,4-Dichlorobenzene	6.58	146	135147	10.32	ng		94
14) 1,2-Dichlorobenzene	6.73	146	130846	10.99	ng		99
15) Benzyl Alcohol	6.72	79	117247	10.33	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.86	45	223335	12.21	ng		72
17) 2-Methylphenol	6.86	107	91885	9.79	ng		97
18) Hexachloroethane	7.07	117	48734	10.56	ng	#	87
19) n-Nitroso-di-n-propylamine	6.98	70	99100	10.48	ng		92
20) 3+4-Methylphenols	7.02	107	132364	11.16	ng		98
22) Acetophenone	6.98	105	183043	10.20	ng	#	98
24) Nitrobenzene	7.15	77	151583	10.37	ng		94
25) Isophorone	7.39	82	273305	10.55	ng		97
26) 2-Nitrophenol	7.47	139	62168	9.64	ng		92
27) 2,4-Dimethylphenol	7.53	122	102226	9.93	ng		99
28) bis(2-Chloroethoxy)methane	7.62	93	148193	9.84	ng		99
29) 2,4-Dichlorophenol	7.72	162	104172	10.64	ng		99
30) 1,2,4-Trichlorobenzene	7.79	180	104687	9.73	ng		93
31) Naphthalene	7.87	128	355166	10.53	ng		99
32) Benzoic acid	7.63	122	37737	4.72	ng		93
33) 4-Chloroaniline	7.94	127	138088	10.55	ng	#	86
34) Hexachlorobutadiene	8.00	225	62052	9.76	ng		99
35) Caprolactam	8.28	113	26960	8.59	ng	#	87
36) 4-Chloro-3-methylphenol	8.43	107	109140	9.62	ng		92
37) 2-Methylnaphthalene	8.56	142	217200	9.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	102370	10.06	ng		97
40) Hexachlorocyclopentadiene	8.72	237	33991	5.87	ng		98
42) 2,4,6-Trichlorophenol	8.86	196	67395	9.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	67173	9.01	ng		96
45) 1,1'-Biphenyl	9.03	154	296142	11.08	ng		97
46) 2-Chloronaphthalene	9.05	162	211961	10.10	ng		99
47) 2-Nitroaniline	9.15	65	81715	11.00	ng		95
48) Acenaphthylene	9.46	152	337269	10.37	ng		97
49) Dimethylphthalate	9.34	163	250696	10.37	ng		98
50) 2,6-Dinitrotoluene	9.39	165	52681	9.71	ng		90
51) Acenaphthene	9.63	154	193181	9.76	ng		98
52) 3-Nitroaniline	9.56	138	60523	10.47	ng	#	81
53) 2,4-Dinitrophenol	9.68	184	8481	2.71	ng		92
54) Dibenzofuran	9.80	168	287747	10.28	ng		94
55) 4-Nitrophenol	9.76	139	26894m	6.06	ng		
56) 2,4-Dinitrotoluene	9.79	165	68044	9.90	ng		96
57) Fluorene	10.14	166	233209	10.08	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.93	232	55664m	9.10	ng		
59) Diethylphthalate	10.03	149	237777	9.88	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	105128	9.92	ng		98
61) 4-Nitroaniline	10.17	138	56081	9.85	ng		95
62) Azobenzene	10.30	77	294218	10.71	ng		100
64) 4,6-Dinitro-2-methylphenol	10.20	198	22725	5.98	ng		89
65) n-Nitrosodiphenylamine	10.26	169	201496	10.74	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	58868	9.62	ng		94
67) Hexachlorobenzene	10.68	284	71941	10.67	ng		98
68) Atrazine	10.79	200	56488	10.37	ng		99
69) Pentachlorophenol	10.89	266	23196	5.28	ng		98
70) Phenanthrene	11.10	178	339721	10.69	ng		96
71) Anthracene	11.14	178	362083	11.17	ng		98
72) Carbazole	11.30	167	292212	10.14	ng		98
73) Di-n-butylphthalate	11.65	149	342817	9.74	ng		99
74) Fluoranthene	12.27	202	335038	10.30	ng		94
76) Benzidine	12.40	184	137420	14.26	ng		99
77) Pyrene	12.49	202	332544	13.24	ng		95
79) Butylbenzylphthalate	13.13	149	111386	9.37	ng		92
80) Benzo(a)anthracene	13.68	228	228631	10.05	ng		98
81) 3,3'-Dichlorobenzidine	13.65	252	66460	8.40	ng	#	93
82) Chrysene	13.71	228	222912	10.57	ng		96
83) Bis(2-ethylhexyl)phthalate	13.70	149	128581	8.28	ng	#	95
84) Di-n-octyl phthalate	14.31	149	197481	7.39	ng		95
85) Indeno(1,2,3-cd)pyrene	16.24	276	235340	12.27	ng		96
87) Benzo(b)fluoranthene	14.67	252	192480m	9.07	ng		
88) Benzo(k)fluoranthene	14.70	252	167128m	10.57	ng		
89) Benzo(a)pyrene	14.98	252	168651	9.63	ng	#	98
90) Dibenzo(a,h)anthracene	16.25	278	196396	12.34	ng		99
91) Benzo(g,h,i)perylene	16.59	276	196246	12.63	ng		98

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

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