Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083595.D
Acq On : 8 Dec 2015 14:49
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:13:12 PM

Quant Time: Dec 08 17:34:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 17:21:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	178715	20.00	ng		0.00
21) Naphthalene-d8	7.60	136	704855	20.00	ng		-0.01
38) Acenaphthene-d10	10.38	164	345044	20.00	ng		0.00
63) Phenanthrene-d10	12.79	188	639762	20.00	ng		0.00
75) Chrysene-d12	16.99	240	578872	20.00	ng		0.00
86) Perylene-d12	18.64	264	479967	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	226863	19.20	ng		0.02
7) Phenol-d6	5.28	99	306320	18.86	ng		0.00
23) Nitrobenzene-d5	6.52	82	312830	20.80	ng		-0.01
41) 2,4,6-Tribromophenol	11.68	330	62961	19.82	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	532889	21.06	ng		-0.01
78) Terphenyl-d14	15.40	244	508132	19.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	66642	10.90	ng		87
3) Pyridine	2.32	79	116940	8.07	ng	#	87
4) n-Nitrosodimethylamine	2.26	42	65554	8.83	ng	#	92
6) Aniline	5.26	93	192984	9.19	ng	#	86
8) 2-Chlorophenol	5.42	128	131505	10.04	ng		97
9) Benzaldehyde	5.12	77	96994	10.54	ng		99
10) Phenol	5.30	94	192389	10.02	ng		98
11) bis(2-Chloroethyl)ether	5.36	93	146797	10.41	ng		97
12) 1,3-Dichlorobenzene	5.61	146	150383m	10.33	ng		
13) 1,4-Dichlorobenzene	5.72	146	152974	10.29	ng		97
14) 1,2-Dichlorobenzene	5.94	146	140515	10.25	ng		98
15) Benzyl Alcohol	5.96	79	107999	9.56	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.12	45	267357	10.20	ng	#	61
17) 2-Methylphenol	6.16	107	109804	10.13	ng	#	89
18) Hexachloroethane	6.41	117	52579	10.10	ng	#	86
19) n-Nitroso-di-n-propylamine	6.33	70	110430	10.17	ng		98
20) 3+4-Methylphenols	6.41	107	149088	10.67	ng		96
22) Acetophenone	6.32	105	188134	9.28	ng	#	98
24) Nitrobenzene	6.56	77	168384	10.13	ng		98
25) Isophorone	6.93	82	291055	10.04	ng		99
26) 2-Nitrophenol	7.05	139	64422	9.81	ng		97
27) 2,4-Dimethylphenol	7.17	122	114063	9.87	ng		93
28) bis(2-Chloroethoxy)methane	7.29	93	163904	10.16	ng		99
29) 2,4-Dichlorophenol	7.47	162	105249	10.07	ng		96
30) 1,2,4-Trichlorobenzene	7.53	180	119681	10.36	ng		96
31) Naphthalene	7.63	128	390514	10.45	ng		99
32) Benzoic acid	7.42	122	54690	8.80	ng		93
33) 4-Chloroaniline	7.78	127	130765	9.00	ng		95
34) Hexachlorobutadiene	7.84	225	69412	10.17	ng		99
35) Caprolactam	8.34	113	31413	9.45	ng	#	84
36) 4-Chloro-3-methylphenol	8.62	107	116494	9.90	ng		95
37) 2-Methylnaphthalene	8.74	142	242400	10.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	118212	10.40	ng	#	100
42) 2,4,6-Trichlorophenol	9.24	196	69636	9.83	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.34	196	63706	8.75	ng	#	89
45) 1,1'-Biphenyl	9.49	154	315062	10.31	ng		98
46) 2-Chloronaphthalene	9.50	162	236459	10.25	ng		96
47) 2-Nitroaniline	9.73	65	82673	10.05	ng		94
48) Acenaphthylene	10.16	152	396421	10.50	ng		99
49) Dimethylphthalate	10.03	163	282055	10.35	ng		99
50) 2,6-Dinitrotoluene	10.12	165	57269	10.01	ng		96
51) Acenaphthene	10.43	154	223386	10.25	ng		98
52) 3-Nitroaniline	10.41	138	59644	9.63	ng		86
53) 2,4-Dinitrophenol	10.68	184	13979	5.65	ng		90
54) Dibenzofuran	10.73	168	307056	10.16	ng		97
55) 4-Nitrophenol	10.89	139	20938	6.26	ng		83
56) 2,4-Dinitrotoluene	10.80	165	74607	9.90	ng		90
57) Fluorene	11.28	166	276803	10.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.98	232	47381	8.64	ng	#	100
59) Diethylphthalate	11.17	149	271993	10.39	ng		99
60) 4-Chlorophenyl-phenylether	11.30	204	129793	10.30	ng		97
61) 4-Nitroaniline	11.40	138	56022	10.01	ng		89
62) Azobenzene	11.56	77	276943	9.78	ng		99
64) 4,6-Dinitro-2-methylphenol	11.47	198	33875	8.31	ng		87
65) n-Nitrosodiphenylamine	11.51	169	221305	10.46	ng		97
66) 4-Bromophenyl-phenylether	12.09	248	72396	10.33	ng		95
67) Hexachlorobenzene	12.17	284	79024	10.55	ng	#	85
68) Atrazine	12.42	200	68630	10.71	ng		100
69) Pentachlorophenol	12.55	266	7385	2.63	ng		85
70) Phenanthrene	12.82	178	393719	10.62	ng		100
71) Anthracene	12.91	178	407714	10.76	ng		98
72) Carbazole	13.21	167	349808	10.75	ng		99
73) Di-n-butylphthalate	13.83	149	426692	10.81	ng		99
74) Fluoranthene	14.75	202	405643	10.99	ng		98
76) Benzidine	15.04	184	196879	9.61	ng		98
77) Pyrene	15.11	202	414642	9.65	ng		98
79) Butylbenzylphthalate	16.24	149	174058	10.15	ng		94
80) Benzo(a)anthracene	16.98	228	340476	10.09	ng		98
81) 3,3'-Dichlorobenzidine	16.97	252	118720	10.90	ng		98
82) Chrysene	17.03	228	352528	10.45	ng		100
83) Bis(2-ethylhexyl)phthalate	17.09	149	244599	10.72	ng		99
84) Di-n-octyl phthalate	17.86	149	387330	11.78	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.88	276	242803	8.71	ng	#	100
87) Benzo(b)fluoranthene	18.26	252	281639	10.46	ng		97
88) Benzo(k)fluoranthene	18.28	252	299966m	10.71	ng		
89) Benzo(a)pyrene	18.58	252	276330	10.57	ng		98
90) Dibenzo(a,h)anthracene	19.88	278	201989	8.33	ng		97
91) Benzo(g,h,i)perylene	20.25	276	191345	7.85	ng		97

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

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